

#681	agar	100 g	5-1434	17.8
#682	alizarin	25 g	3-A469	18.4
#683	ammonium sulfate	5 lb	50800	12.2
#684	albumin, egg	1 lb	4-0440	10.6
#685	alcohol, anhydrous	1 pt	11-4401	1.1
#686	ammonium thiocyanate	1 lb	1-0818	17.6
#687	acid fuchsin	25 g	3-A354	10.2
#688	ammonium oxalate	4 lb	4-0746	12.1
#689	barium chloride	1 lb	1-0980	7.57
#690	basic fuchsin	25 g	3-B690	13.55
#691	sodium borate	1 lb	1-3568	7.5
#692	brilliant cresyl blue	25 g	3-C707	1.1
#693	barium hydroxide	1 lb	1-0980	7.57
#694	brunswick green	5 g	1-C946	11.71
#695	aluminum potash	1 lb	1-0980	7.57
#696	brunswick blue	5 g	1-D470	10.22
#697	calcium chloride	1 lb	1-1336	10.13
#698	marble chips	5 lb	2-P547	12.75
#699	copper sulfate	5 lb	5-1844	46.4
#700	crystal violet	25 g	3-F907	3.23
#701	Congo Red	150 g	3-F728	100.0
#702	chlorophenol red	5 g	1-F334	12.60
#703	creatinine	10 g	2-F820	10.12
#704	chloroform	1 pt	11-9180	6.68
#705	eosin Y	25 g	3-L082	11.65
#706	ether	27 lb	7-9240	59.81

510.57

In-Library

00-3-E1

Co. that carries these chemicals: J.T. Baker Co.

Laboratory Dept. 945 Zephyr. Ave.
Hayward, Calif. 94544
Phone. 415 (471-6225)

Order from:
Larry Schacht &
Pauline Groot.

Chemicals from J.T. Baker Co.

			Price
# 659	sodium hydroxide pellets		
	25 lb	7-3728	\$ 45.25
# 660	nitric acid	7 lbs 5-9603	22.33
# 661	nitric acid DILUT-IT	1-4712	5.25
# 662	hydrochloric acid	36 lbs 5-9544	49.32
# 663	acetic acid	30 lb 3-9507	49.50
# 664	sodium carbonate	25 lb 7-3604	67.75
# 665 *	ammonium molybdate	1 lb 1-0716	23.51
# 667 *	manganese dioxide	1 lb 1-8342	17.22
# 668 *	sodium nitrite	1 lb 1-3780	12.63
# 669 *	sodium cyanide	1 lb 1-3662	8.75
# 670	sodium nitroferricyanide	4-3792	14.85
# 671 *	sodium acetate	1 lb 1-3470	10.50
# 672	sodium sulfate	5 lb 5-3898	14.50
# 673	sodium chloride	5 lb 5-3625	13.65
# 674	sodium phosphate	1 lb 11-3828	10.92
# 675	sodium citrate	25 lb 7-3646	76.50
# 676	sulfuric acid	5 lb 3-9681	46.48
# 677	sodium molybdate	1 lb 1-3764	39.53
# 678	sodium tungstate	12 x 1/2 lb 4-3964	44.92
# 679	acetone (cleaning fluid)	5 gal 7-9008	34.00
# 680	acetone (chemical)	1 pt 4-9006	3.71

In Penny

00-3-EZ

573.77

* for things with this mark we actually need
about an ounce. The order is Baker's
smallest size.

Inventory

#733	picric acid	1 lb	1-0276	\$ 36.14
#734	potassium dichromate	1 lb	1-3092	10.19
#735	petroleum ether	2 pt	2-9273	7.42
#736	oxalic acid	1 lb	1-0230	19.41
#737	phosphoric acid	8 lb	5-0260	17.20
#738	paraffin	12 x 1 lb	1-4227	28.22
#739	potassium biphthalate	1 lb	1-2958	1.00
#740	potassium carbonate	1 lb	1-337	8.00
#741	potassium iodide	1 lb	1-3163	26.00
#742	potassium acetate	1 lb	1-2977	1.00
#743	phenol	1 pt	1-2864	13.45
#744	mercuric chloride	1/4 lb	4-2594	29.22
#745	mercury	1 lb	1-2568	20.00
#746	resorcinol	1/4 lb	4-3360	17.00
#747	potassium sodium tartrate	1 lb	11-3262	21.00
#748	silver nitrate	1/4 lb	4-3426	71.37
#749	sulfuric acid	6 x 9 lb	3-9681	42.22
#750	Safranine	25 g	3-0926	26.09
#751	sodium bicarbonate	1 lb	1-3506	8.00
#752	sulfosalicylic acid	1 lb	1-0364	22.11
#753	sulfobromophthalein	10 g	2-V192	44.50
#754	stannous chloride	1 lb	11-3980	2.00
#755	Sudan II	25 g	3-V138	1.00
#756	sulfuric acid	1/4 lb	4-0354	1.00
#757	Tannic acid	1/4 lb	4-0377	1.00

00-3-F,

123571

In - Penny

#758	xylene	1 pt	11-9-70	3.65
#759	urea	1 lb	1-236	0.71
#760	uric acid	100 g	5-X347	2.11
#761	trichloroacetic acid	1 lb	1-0414	24.89
#762	Wright's stain	25 g	2-2407	1.0
#763	toluene	1 pt	11-942	3.0
#764	glutamic acid	100 g	5-M701	34.25
#765	tartaric acid	1 lb	1-0422	18.75
#766	thymol	1 lb	4-4128	2.71
				103.86

Things we were

#767 white dirt 1 pt

#768 cake 100 g

#769 ~~1 lb~~

#770 Sulfabromophenol 1 lb

#771 Filter paper (100 sheets)

#772 Sodium - diethyl malonate 100 g

#773 Sodium acetate 1 lb

#774 Fleischmann's yeast 2 oz

#775 Sodium cyanate 8 oz

#776 L-methionine sulfate 1/2 oz

#777 Stereotyped y. 1 lb

#778 ~~1 lb~~

SYNOPSIS (OVER)

00-3-61

- # 779 Small bottle India Ink (for staining)
 # 780 glass beads ($\frac{1}{8}$ " diam is good example)
 # 781 polychrome meter, more like $\frac{1}{2}$ "
 # 782 pH meter
 # 783 clarite 1 cup
 # 784 penicillinase (try Schenck, -
 35.0 5th Ave. N.Y.C. 10018
 is old but the company is
 still in business.)

total of known costs, \$573.57.

50.00

671.90

430.77

10.00

\$255.7

In-Pring

00-3-92

- Lab 19. Unopipettes - the lab would like 200 red cell pipettes and 200 white cell pipettes out of the GM Catalogue.

00-3-93

- Lab 14. The additional scrub brushes asked for are for the laboratory. Pauline asked for five more. Our surgical brushes cannot be used for laboratory purposes.

003-94

MORE PRICES ON ITEMS REQUESTED FROM THE FL::

(FROM A LIST REC. ON THE RADIO- 6 mo projection, wanted items priced before go ahead with ordering. rec. 3/6/78)

WHAT	STRENGTH	AMT RE .	UNIT PRICE	TOTAL
1. aminophylline	200 mg	1000/	13.80/1000	13.80
2. Pyrinate A(for crabs, lice)	li .	15/ 4 oz	3.00/4 oz.	45.00
3. Oxytosin ampules	10 units	20/ amp	6.50/ 10	13.00
4. Kwell shampoo	li .	1 gal.	10.55/ pint	84.40
5. Keflex injectable	250 mg/vial	10 vials	22.35/ 10	22.35
6. Gentamycin injectable	2 cc vials	10 vials	7.50/each	75.00
7. Contraceptives-				255.45
Lo-Ovral	21 days	60 cycles	13.15/ 3cycles	263.50
Ovral	"	"	" "	263.50
Loestrin 1/20	"	"	" "	263.50
Loestrin 1.5/30	"	"	" "	263.50
Loestrin 2.5/50	"	"	# "	263.50
Norlestrin 1/50	"	"	" "	263.50
8. Diaphragms-				1521.5
#80 coil spring	-	10/	6.79/ea	67.90
#80 all flex	6	5	7.95/ea	39.75

** 1, 942.20

80-3-P5

THESE ITEMS WERE REQUESTED FROM THE FL: ALREADY PURCHASED: THESE ARE PRICES FOR REFERENCE:
(so when more is wanted; you already have the prices)

Niacidamide	100 mg	1000/ bottle	<u>14.15/1000</u>
HCTZ	50 mg	1000/ bottle	<u>10.50/1000</u>
calcium gluconate inj.	10%/vial	12 vials/ box	<u>16.15/ box</u>
magnesium sulfate inj.	20 cc/ amp	25 amp/ box	<u>34.60/ box</u>
valium inj.	10 mg/ amp	10 amp/ box	<u>12.75/ box</u>

00.3-P4

(c) When more is wanted; ask Teresa how she feels)

✓

Time	Temp	Pressure	Humidity	Wind	Clouds	Visibility	Remarks
0000	10	1015	75	0	0	10	Clear
0100	10	1015	75	0	0	10	Clear
0200	10	1015	75	0	0	10	Clear
0300	10	1015	75	0	0	10	Clear
0400	10	1015	75	0	0	10	Clear
0500	10	1015	75	0	0	10	Clear
0600	10	1015	75	0	0	10	Clear
0700	10	1015	75	0	0	10	Clear
0800	10	1015	75	0	0	10	Clear
0900	10	1015	75	0	0	10	Clear
1000	10	1015	75	0	0	10	Clear
1100	10	1015	75	0	0	10	Clear
1200	10	1015	75	0	0	10	Clear
1300	10	1015	75	0	0	10	Clear
1400	10	1015	75	0	0	10	Clear
1500	10	1015	75	0	0	10	Clear
1600	10	1015	75	0	0	10	Clear
1700	10	1015	75	0	0	10	Clear
1800	10	1015	75	0	0	10	Clear
1900	10	1015	75	0	0	10	Clear
2000	10	1015	75	0	0	10	Clear
2100	10	1015	75	0	0	10	Clear
2200	10	1015	75	0	0	10	Clear
2300	10	1015	75	0	0	10	Clear

for Carolyn Layton-

~~For 99~~

100-443886-1

60

Malathion at 2.5% would be
675 cc of 57% malathion to 4 gallons.

(Diazinon) (Basudin)

Cockroaches, sand fleas in houses

DDT 150 cc / 4 gal (1% from 50%)

Malathion 150 cc / 4 gal for try (less)

the book recommends 5%

concentration which would be

1,350 cc. The book is wrong.

150 cc is about 0.55% concentration

Basudin ~~to 150 cc~~ / 4 gal. The book
recommends .5% which from 40%
is 192 cc. The book is wrong.

Try lower amounts yet.

Flies on the wing

Malathion at 2.5% would be 675 cc
of 57% malathion to 4 gallons.

Basudin at 1% would be 384 cc / 4 gal.

00-3-2cc,

5. Glycerin USP 12 pt \$26.52

6. Methanol Anhydrous 5 gal \$9.50
(free from acetone
(must be free from acetone or it
won't work.) (flammable)

7. Ammonium oxalate 12 lb \$36.84

8. Potassium oxalate 12 lb 48.12

(actually we only need about 2
pounds each of these, that's just
Merck's smallest amount.)

J.T. Baker Chemical Co sells stains
that we need:

Safranine O, 25 g \$26.69

Crystal Violet, 25 g \$12.23

Wright's stain 25 g \$45.29

Baker is distributed thru VWR

Glycerin
Acetone free
methanol
alcohol and other places.

We also need 3 red blood
cell counting pipettes and 6
pipette suction tubes with
mouthpieces. Get these from
wherever you can get them
fastest. VWR Prices -

pipette, blood diluting, RBC \$18.84 ea.

rubber tubing & mouthpiece \$5.00 doz

cleaning wires for pipets \$2.90 / vial

VWR address is: PO Box 3200,

Rincon Annex, SF, CA 94119

(415)-469-0100

00-3-DDD,

Lab Order 11/6/78

(

The following chemicals are needed for the lab rush. These are things where we are either about to run out, or we never had any and work that needs to be done is waiting on the chemicals to do it. If you can get these in Georgetown, do it. If they're in Trinidad, we want them. If you have to go to America, the prices given below apply to Merck Laboratory Chemicals, Gentec Hospital Supply Co, 557 Corey Way, South San Francisco CA 94080 (check for discounts)

1 Acetic Acid 5 pt \$4.20

(warning - ship carefully - corrosive)

2 Acetone N.F. 12 pt \$7.28

(warning - ship carefully - flammable)

3 ^{70%} Isopropyl Alcohol N.F. 12 pt \$9.12

(warning - ship carefully - flammable)

(C) 4 either Hayem's or Gower's solution

10 gallon - Merck doesn't carry it by

that name - try pharmacy, hospital-

supply or lab sources. Or with sodium

sulfate, we can make our own;

(C) Sodium sulfate NF 12 lb \$12.72

(smaller amount is OK; this is just Merck's smallest amount)

Lung Cancer

Journal of Nursing Dec 1977

1. You Have Lung Cancer Page 1916
2. Admitted To the Oncology Service " 1917
3. Right Main Bronchus Occluded 1917
4. Different Treatments Page 1919
5. Chance of Surviving 6 to 12 months Page 1919

Digitalis Toxicity

Content as Above

1. Action of Digitalis Page 1936
2. Causes of Toxicity " "
3. E.C.G. Signs of Toxicity in Patients with regular P-R-T Rhythm Page 1937
4. Ladder Diagrams Page 1938
5. E.C.G. Signs of Toxicity in Patients with Atrial Fibrillations Page 1943

Sickle Cell Disorders

Content as Above

1. Abnormal Hemoglobin Molecule Page 1948
2. Sickle Cell Trait " 1950
3. Sickle Cell Anemia " "
4. Pain Crises " "
5. Other Crises Page 1952
6. Parent And Patient Teaching " "
7. Treatment Page 1954

Heart Failure

Journal of Nursing Feb 1977 Vol-77 no-2

1. In The M.I. Patient Page 230
2. Nonspecific Cues " "
3. Cues from the Heart and Blood Vessels " 232
4. Cues from the Lungs " "
5. Systemic Congestion " 234

Lab Order

- The following chemicals are needed for the lab rush. These are things where we are either about to run out, or we never had any and work that needs to be done is waiting on the chemicals to do it. If you can get these items in Georgetown, do it. If not, the prices given below apply to Merck Laboratory Chemicals, Geriatric Hospital Supply Co, 557 Concy Way, South San Francisco (415) 352-0000.

Acetic Acid 5 pt \$4.120

(warning - ship carefully - corrosive)

Acetone N.F. 12 pt \$7.75

(warning - ship carefully - flammable)

Isopropyl Alcohol N.F. 12 pt \$9.12

(warning - ship carefully - flammable)

Hayem's solution - Merck doesn't carry it by that name - try pharmacy, hospital-supply, or lab sources. Or if you get sodium sulfate, we can make our own.

Sodium sulfate NF 12 lb \$12.72

(actually we only need 1 lb but

this is Merck's smallest order)

Indexed, #2

About Alcoholism Consultant May 1978 Vol 18-203

- Psychology
1. How much drinking is too much Page 23
 2. How to help patient who brings his own problems Page 23
 3. There are 8 other questions pages 24, 25, 26

Systemic Disease Content as Above

- Dermatology
1. Multiple Associations Page 31
 2. Skin signs of Diabetes " 32
 3. Lymphomas and Leukemia " "
 4. Deep mycotic infections " 36
 5. Neurofibromatosis " 41
 6. Reiter's disease " 42
 7. Internal Malignancy " 42

Peptic Ulcers Content as Above

- Pharmacology
1. Are special diet unnecessary Page 47
 2. Clinical use of Antacids " 48
 3. Anticholinergics " 48
 4. Newer Drugs " 48

Drug And Patient Resistance Content as Above

- Pharmacology
1. Drug resistance Page 53
 2. It doesn't all way work " "
 3. Noncompliance " 54
 4. Decreasing the dropout rate " 54
 5. Pilot studies " 54
 6. An exercise in prevention " 55
 7. A. Practical solution " "

Mucocutaneous Lymph Node Syndrome as above

- Dermatology
1. Distinctive symptoms Page 60
 2. Some Complications " "
 3. Cause & Cure Unknown " 61

00-3-FFF,

Cardiovascular

Indexed #4

Rheumatic Disease Consultant May 1978 Vol-10 no 3

1. Laboratory Tests	Page 64
2. Antinuclear Antibodies	" 64
3. Extractable Nuclear Antigens	" 69
4. Complement	" 70
5. An Assay for DNA Antibodies	" 72
6. Human Leukocyte Antigens	" 72
7. DNA	Page 77

Lab Order Page 2

Ammonium Oxalate 12 lb 36.84
Potassium Oxalate 12 lb 48.12
(actually we only need about a
pound each of these, that's
just Merck's smallest amount.)

from J.T. Baker Chemical Co
we need stains:

Safranin O, 25 g, \$26.69
Crystal Violet, 25 g, 12.23
Wright's stain

Baker is distributed thru VWR
and others.

we also need 3 red blood
counting pipettes and
6 pipette suction tubes
with mouth pieces. Get
these from wherever you
can get them fastest.

00-3-FFF-

447-503

More order from Pauline Groot & Larry Schacht

General Scientific Co 701 Bryant St. SF CA 94107
Phone 415-982-3266 (the catalog does not have a date)

Page	item	number	each	how many	price
82	Microscope slide box	60-630	\$1.92	2	\$ 3.84
28	Gas lighter, fuller	9-710	.45	2	.90
39	Clamp, small	18-830-01	2.05	1	2.05
39	Clamp, medium	18-830-03	2.35	1	2.35
39	Clamp, medium versatile	18-830-11	2.65	1	2.65
39	Clamp, large versatile	18-830-13	3.10	1	3.10
39	Rigid clamp holder	18-830-15	1.20	2	2.40
39	Swivel clamp holder	18-830-16	2.70	2	5.40
101	Neotex matting	74-794	1.88/ft	3 ft	<u>5.64</u> 28.33

VWR Scientific Catalog ~~xxx~~ 1978

348	Cleaning cloth	21901-002	\$ 4.40	1	4.40
71	Barometer, marine type	13117-000	28.50	1	28.50
1151	Timer	62346-004	6.98	1	6.98
1175	Tubing, bubble	63015-104	5.65	1	5.65

SP Scientific Products 1976 Catalog

150 Jefferson Drive, Menlo Park, CA 94025 ~~323-7721x~~ 323-7741

199	Flint	B9893-5	.50	2pkg	1.00
733	Support	S9135-10	2.92	1	2.92
783	watch Glasses	W2505-5	3.65	1pkg	3.65
414	glass tubing	G6050-11	.89/lb	1 lb	.89
416	Glass tubing Cutter	G7010	3.95	1	3.95
771	T-connector	T5305	.67	3	2.01

also ask for SP literature. They give away brochures on several test kits for clinical chemistry. I want Package insert CH82-DA and SP Literature numbers CH-553, SP5472, SP5474, SP5528, SP4835, SP8411, SP5478, SP5481, SP5480, SP5477, SP5479, SP5226, SP5503, SP5227, SP5228, SP5231, SP5230, SP8942, SP5501, CH603, CH436-2 SP5533, SP5544, SP5543, SP5542, SP5536, SP5490, SP5504, SP5256, SP9779, SP8948, SP4161, SP9774, SP9785, SP9777, SP9789, SP9770, SP9790, SP9773, SP9772, SP5542, SP5525, SP5530, SP5540, SP5489

003-999,

Gastrointestinal

_____ Vomiting
 _____ Bowel movements regular
 _____ Abnormal appetite

_____ Abdominal pain

_____ Pinworms

Genitourinary

_____ Frequent or painful urination
 _____ Poor stream (boys)
 _____ Enuresis
 _____ Vaginal itching or discharge
 _____ Strong odor to urine

_____ Infection

_____ Hematuria

_____ Nocturia

_____ Periods (age, problems)

Neuromuscular-Psych

_____ Convulsions
 _____ Abnormal gait
 _____ Poor coordination
 _____ Home behavior problem
 _____ Grades repeated
 _____ Accident prone
 _____ Sleeping problems
 _____ Thumb sucking
 _____ Head banging
 _____ Encopresis

_____ Joint trouble

_____ Muscle pains

_____ Speech defects

_____ School behavior problem

_____ Grades skipped

_____ Clumsy

_____ Nailbiting

_____ Pica

_____ Rocking

Skin

_____ Chronic rash
 _____ Easy bruising

_____ Lesions

_____ Acne

Hematologic

_____ Anemia

_____ Bleeding

Miscellaneous

_____ Recent weight gain
 _____ Seat belts

_____ Recent weight loss

_____ Syrup of ipecac (toddlers)

Fisher 1977 Catalog

1140	Cast-Iron Plate	14-750	\$5.50	1	\$5.50
1200	Sub ing connector with twistcock	15-315-8	5.32	1	5.32
1147	Triped	15-300 A	4.00	1	4.00

Sensidiscs

~~1512xxxSensidisc~~

697	Methenamine Mandelate	B30854	2.10	1	2.10
697	Nalidixic Acid	B30870	2/10	1	2.10
697	Nitrofurantoin	B30801	2.10	1	2.10

Chemical

1512	Sodium meta-Bisulfite	S-244	3.95	1 lb.	3.95
------	-----------------------	-------	------	-------	------

note-sodium meta-bisulfite is used to test for sickle-cell trait.

It is not dangerous to ship, and has a fairly high priority.

00-3-9992

please order the following from
SP catalog 1976

			each	number	total
page 47	Balance	B-1760	\$44. ⁰⁰	1	\$44. ⁰⁰
" 47	Attachment Weights	B-1775	\$10. ⁰⁰	1	\$10. ⁰⁰
page 680	Chart, Safety	S1314-2	\$13. ⁸⁵	1	\$13. ⁸⁵
" 680	Chart, Emergency	S1314-1	\$12. ⁸⁵	1	\$12. ⁸⁵
" 420	Goggles	G7507	2. ⁵⁵	4	\$10. ²⁰
" 420	Gloves	G7242-2	6. ¹⁵	1	\$6. ¹⁵
" 10	Asbestos	A6840-1	1. ⁴⁰	1	\$1. ⁴⁰

all the Above from Scientific Products
150 Jefferson Drive Menlo Park
CA 94025 phone 323-7741

From Fisher Scientific Co
catalog of 1977

page 1031 Lab Chart 10-026 \$2.40 1 \$2.40

Fisher gives away a safety manual
and a Drug and Chemical Blood
Level Data Chart. These are illustrated
on page 1035. Please try to get
them. They also loan out a safety
film which I want to borrow.
It's on the same page.

~~(My grandfather died of lab chemicals,
please take this seriously)~~

00-3-LLL

VWR Catalog 1978						
Page	Item	Order #	cost	amount	total	
* 7	Lab Apron	10824-045	2.70	3	8.10	
* 1001	Safety Eye Wash Bottle	56611-064	4.00	3	12.00	
* 997	Chart, Disposal Chemicals	JT0005-1	12.00	1	12.00	
* 70	Balance Weights, Frac	12749-009	4.00	2	8.00	
862	Weighing Paper	52853-028	3.20	1	3.20	
1018	Spatula	57941-020	1.45	1	1.45	
1020	microspoon	57952-253	2.57	1	2.57	
209	Brush, test tube	17027-023	3.70	1	3.70	
209	Brush, centrifuge	17030-006	3.85	1	3.85	
365	Corks, assorted	23416-008	5.60	1	5.60	
368	Crucible disc	23827-126	2.04	1	2.04	
470	Filter grip, vacuum	28290-009	5.05	1	5.05	
470	Filter vac size 3	28294-000	1.30	1	1.30	
502	Flask, Heavywall	29411-029	2.98	1	2.98	
531	Funnel, ribbed	30235-069	4.00	1	4.00	
* 592	Safety Face Shield	33007-107	17.00	1	17.00	
* 592 608	Hot plate, Dylatherm	33918-452	35.30	1	35.30	
* 1003	Safety Shield	56615-746	69.56	1	69.56	
992	Rubber stoppers	56384-202	4.47	1	4.47	
* 1027	Spectrophotometer	Spare Parts				
	* Lamp assemblies	57970-142	25.00	1	25.00	
	* Batteries, rechargeable	57970-175	11.50	set 2	23.00	
	* Long path cells	57970-206	7.00	2	14.00	
	* Sample vials	57970-233	14.50	1	14.50	
	* Cell compartment	57970-266	51.50	1	51.50	

on this page the high-priority items are marked with *

~~Below~~ On medium-priority items if the exact one is not available and if the cost is less than \$10, it's OK to get the next closest item. On high-priority items don't change anything without asking Pauline.

00-3-MMM,

80-3-11111

Part of corrected
lab order from
Pauline Groot &
Larry Schact.

From Fisher Scientific Catalog of 1977

page	item name	number	price	how many	cost
219	Good Crucible	8-195B	2.05	1	2.05
210	Condenser	7-730B	8.80	1	8.80
238	Degasser	8-592	10.50	1	10.50
1021	Rubberized sleeves	1-360	3.80	1	3.80
1037	Triclass Fire Extinguisher	10-012-5D	38.50	1	38.50
322	Filter Papers				
	Whatman #1	9-825C	1.55	1	1.55
	Whatman #4	9-805E	1.30	1	1.30
	Whatman #5	9-830B	2.15	1	2.15
	Whatman #3	9-820B	2.30	1	2.30
324	Glass Filter	GF/C 9-874-30	6.65	1	6.65
324	Glass Filter	GF/D 9-874-40	3.85	1	3.85
679	Mannitol Salt Agar	B11406	5.38	1	5.38
1164	Dial Scale Thermometer	15-077E	12.80	1	12.80
1196	Pick-Up Tonge	15-202	4.00	1	4.00

All items above from Fisher Scientific Co 1977 catalog
 Fisher has a regional office near San Francisco -
 2225 Martin Ave, Santa Clara, CA 95050 phone 249-0660

The items below are from VWR Catalog 1978

1	17	Lab Apron	10824-045	2.70	1	2.70
1	1001	Safety Eye Wash Bottle	56611-064	4.00	1	4.00
1	997	Chem. Disposal Chemicals	JT0005-1	12.00	1	12.00
1	70	Balance weights, Fractional	12749-009	4.00	1	4.00
	862	Weighing paper	52857-028	3.20	1	3.20
	1018	Spatula	57041-020	1.45	1	1.45
	1020	Microcon	57052-253	2.57	1	2.57
	209	Brush, test tube	17027-023	3.70	1	3.70
	209	Brush, centrifuge	17030-006	3.85	1	3.85
	365	Corks, assorted	23416-008	5.60	1	5.60
	368	Crucible disc	23827-126	2.04	1	2.04
	470	Filterstrip, vacuum	28290-009	5.05	1	5.05
	490	Filtervac size 3	28294-000	1.30	1	1.30
	507	flask, heavywall	29411-029	2.08	1	2.08
	531	Funnel, ribbed	30235-069	4.00	1	4.00
1	592	Safety Face Shield	33007-107	17.00	1	17.00
1	608	Hot plate, Mylatherm	33918-452	35.30	1	35.30
1	1003	Safety shield	56615-746	60.56	1	60.56
	992	Rubber stoppers	56384-202	4.47	1	4.47
1	1027	Spectrophotometer spare parts				
		Lamp assemblies	57970-142	25.00	1	25.00
		Batteries, rechargeable	57975-175	11.50/set	2	23.00
		Long path cells	57970-200	7.00	2	14.00
		Sample vials	57970-233	14.50	1	14.50
		Cell compartment	57970-266	51.50	1	51.50

00.3-NNN

Gastrointestinal

(5)

_____ Vomiting
_____ Bowel movements regular
_____ Abnormal appetite

_____ Abdominal pain
_____ Pinworms

Genitourinary

_____ Frequent or painful urination
_____ Poor stream (boys)
_____ Enuresis
_____ Vaginal itching or discharge
_____ Strong odor to urine

_____ Infection
_____ Hematuria
_____ Nocturia
_____ Periods (age, problems)

Neuromuscular-Psych

_____ Convulsions
_____ Abnormal gait
_____ Poor coordination
_____ Home behavior problem
_____ Grades repeated
_____ Accident prone
_____ Sleeping problems
_____ Thumbsucking
_____ Head banging
_____ Encopresis

_____ Joint trouble
_____ Muscle pains
_____ Speech defects
_____ School behavior problem
_____ Grades skipped
_____ Clumsy
_____ Nailbiting
_____ Pica
_____ Rocking

Skin

_____ Chronic rash
_____ Easy bruising

_____ Lesions
_____ Acne

Hematologic

_____ Anemia

_____ Bleeding

Miscellaneous

_____ Recent weight gain
_____ Seat belts

_____ Recent weight loss
_____ Syrup of ipecac (toddlers)

high priority
 VWR Catalog 1976 if this is no longer sold
 please tell me right away

VWR Scientific, division of Univac
 PO Box 3200, Rincon Annex SFCA 94119
 469-0100

	each	#	total
page 60 Balance, Packet Assay			
catalog # 11834-000	69.50	1	69.50

Fisher Scientific Co 1977

page 107 Camel's Hair Brush	pack/2.00	1	2.00
# 3-655			

" Pipe cleaner Brush	1.40	1	1.40
3-642 A			

page 105 Borex Flask Brushes			
3-565	1.60	1	1.60
3-570 A	1.40	1	1.40
3-570 B	1.40	1	1.40
3-570 C	1.50	1	1.50
3-571-5	2.00	1	2.00

page 106 Buret Brush	.75	1	.75
3-615			

Pipet Brush	1.00	1	1.00
3-625			
3-630	pk/4.60	1	4.60

page 99 Red dispensing bottle	pk/6.01	3	18.03
3-409-15 A			

page 197 Polycarbonate tubing	pk/2.50	1	2.50
clamp 5-869			

page 216 Crucibles	2.18	2	4.36
7-955 F	2.57	2	5.14
7-965 H			

page 216 Crucible Cover	.74	2	1.48
7-970 H			

20-3-000 1

these are all
 medium priority

chemicals for soil analysis,
 other farm projects.
 Can be purchased either from
 VWR Scientific Inc, P O Box 3200
 SF, CA 94119 (415)-469-0100
 or from ~~the~~ a company that makes
 them, which is J.T. Baker Chemical Co.
 They have an outlet in the Bay Area.
 Same price either place on those I
 checked.

* Sulfur 4x5 lb RC 6650-5 CS \$44.00

~~Sulfuric acid, Reagent
 quality, 1 pt JT 9681-2 \$5.30~~

* Sulfuric acid 4x5 pt RC 6700-5
 get 2 sets each \$19.20 \$38.40

~~hydrochloric acid 4x6 lb
 JT 9535-4 CS \$26.88~~

* ammonium hydroxide 6x4 lb
 JT 9721-3 CS each ~~\$28.32~~ 28.32
~~get 2 \$56.64~~

* nitric acid, about 70%, reagent
 6x7 lb JT 9661-3 CS 49.14

~~potassium ferricyanide 1 lb
 JT 3104-1 BL 19.38~~

~~ammonium chloride 5 lb
 JT 0660-15 BL 21.25~~

Cupric Sulfate JT 1844-1
 1 lb (reagent quality) 13.13

Cupric sulfate RC 1750-5
 5 lb (technical quality) 12.00
 00-3-SSS,

lead acetate	1 lb	JT 22 71-1	8.31
sodium borate	1 lb	JT 2568-1	7.58
boric acid	1 lb	RC 0850-1	2.65
aluminum ammonium sulfate			
	1 lb	JT 0484-1 BL	7.33
acetone	5 gal	RC 0100-7	22.00
gelatin	1 lb	JT 2124-1	14.55
glycerol	1 kg	JTM 778-8	12.75
magnesium	$\frac{1}{4}$ lb	JT 2416-4	9.98
magnesium	turnings ^{1 lb}	JT 2420-8	12.72
magnesium	ribbon ^{1 oz}	JT 2418-0	13.20

80-3-5552

~~penicillinase~~ ~~10g~~ ~~Eosin~~

~~eosin~~ ~~10g~~ ~~Eosin~~

~~ether~~ ~~1 liter~~

~~small bottle Indre ink~~

~~penicillinase~~ (can be obtained in vials
from Schenley Laboratories, Inc; 350
Fifth Ave; NY, NY) 12 vials.

~~Rockelle Salt~~ ($\text{Na}_2\text{C}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$) 12g

~~phenol red~~ 5g

~~glass beads~~ AgNO_3

~~fused silver nitrate~~ 65g

~~ammonium thiocyanate~~ (NH_4SCN) 3g

~~sulfuric acid~~ ^{a.p.} 1 liter H_2SO_4 ^{completely free from}

~~hydrogen peroxide 30%~~ (explosive) 100cc

~~KI potassium iodide~~ 1,500g

~~I₂ crystals iodine~~ 1,200g

~~metallic mercury~~ 1,500g

~~ethyl ether~~ 7 liters

~~calcium chloride~~ 20g

~~phenol red~~ 5g (phenolsulfonphthalein)

~~sodium sulfate~~ 200g Na_2SO_4

~~mineral oil~~ 100cc = porif

~~dehydrated NA culture media~~ several types

~~polychrome methylene blue~~ 50g

~~aluminum ammonium sulfate~~
~~ammonium alum or potassium alum~~ 250g

~~resorcinol~~ 10g

~~iron chloride~~ 10g

~~acid fuchsin~~ 5g

~~basic fuchsin~~ 5g

80-3-TIT,

note - John Harris for tissue sectioning
part, also Jack Beren & Becky Flowers should
have a chance to speak as to what
chemicals they need.

- ~~50 cc glycerin~~
~~50 cc egg albumin~~
~~paraffin 10 lbs~~
~~litmus paper 10 tubes of papers~~
* ~~acetone 10 liters~~
~~KH phthalate (potassium acid phthalate)~~
~~KH $C_8H_4O_4$ 50 g~~
Oxys Ringer's solution, Locke's solution
~~sodium chloride 1,000 g~~
~~calcium chloride 30 g~~
~~potassium chloride 50 g~~
~~sodium bicarbonate 12 g~~
~~potassium iodide 200 g~~
~~ferrous alum 20 g~~
~~xytol 100 cc~~
~~Ph 10 V. f. amantide agar 10 lbs or 5 kg~~
pg. 158 - 159 ~~saffron 10 g~~
139 ~~carbolic acid 100 cc~~
140 ~~basic fuchsin 10 g~~
125 ~~iodine crystals 100 g~~
55 ~~M. alarite 100 cc~~ ~~100~~
54 ~~potassium acetate 1 g~~
37 ~~mercuric chloride $HgCl_2$ 20 g~~
~~hematoxylin 25 g~~
(1) ~~alcohol, 100% (this is a lot more expensive
than 95% but necessary) 100 cc~~
~~lactic acid 10 g~~
~~phenol 100 g~~ 00-3-1112

the urinalysis &

~~the~~ hemolysis

chemicals are

on this page.

chemists... ~~I know~~ relevant (analysis)

~~$\text{Na}_2\text{O} \cdot \text{H}_2\text{O}$ - ²⁰⁰⁰ ~~acid~~ ^{22 lbs} ~~tokar~~ - sodium hydroxide pellets~~

~~HNO₃ HNO₂ 1.32 nitric acid~~

~~Hydrochloric acid 20.5 l~~ ~~hydrochloric acid~~

 ~~Na_2CO_3 - sodium carbonate 10 g~~

~~ammonium molybdate - 50 g~~

~~MnO₂ manganese dioxide 16.9~~

^{Nit.}
p-nitro-benzene azo resorcinol - 1 g

 ~~NaNO_2 - sodium nitrite~~ ~~NaCN sodium cyanide~~ 19

NA ammonium sulfamate - 1 g NA

~~sodium nitroprusside (a nitroferriicyanide)~~ 1g

~~chloroform~~ (acc).

Sudan III (1 g)

Scales

~~phenolsulfonephthalein (10 g)~~

~~barium hydroxide (10g)~~

light filter
filter #540

 ~~FeCl_3 ferric chloride (t.g.)~~

1 ~~Esbach's saturated magnesium sulfate~~

~~(U.S.P. - $MgSO_4 \cdot 7H_2O$) (10 lbs or 5,000 g)~~

brown
bottle

~~anhydrous sodium sulfate (600 g)~~

blasse
sintere

~~sulfosalicylic acid... (5.00 g)~~

glass.

~~copper sulfate (pure crystalline~~

filter

 ~~$CuSO_4 \cdot 5H_2O$ (200 g)~~

filter

~~sodium citrate, c.p. (2, 200 g) (or 4 lbs)~~

~~sodium carbonate (anhydrous) (1000g).~~

~~ammonium sulfate (3000g) tar 6 lbs~~

~~sodium nitroprusside (nitroferricyanide)~~

~~crystals (30 gms)~~ 00-3-0002

Note - tell Larry we can test
for bile pigment (as bilirubin).

a; b

~~Barium chloride (BaCl_2) 1000 g 2 lb~~

~~Trichloroacetic acid 2.5 g~~

~~Diethylamine 2.5 g~~

~~Sodium acetate 2.4 g~~

~~Chloroform 200 cc~~

* ~~Acetic acid ^{glacial} 3 l + 1 l + 6 l = 10 l 33~~

~~1,1,1-benzidine base 600 g NA~~

~~ether 1 l 60~~

~~ammonium oxalate 40 g~~

~~potassium oxalate 40 g~~

~~potassium sulfocyanate, c.p. 150 g~~

~~potassium ferrocyanide 1 g~~

~~sodium sulfate, c.p. (anhydrous) 100 g~~

~~potassium phosphate, monobasic
(Sørensen's $\text{K}_2\text{H}_2\text{P}_2\text{O}_7$) 20 g~~

~~sodium phosphate, dibasic~~

~~aspartic acid (anhydrous Na_2HPO_4) 6 g~~

~~Congo red 200 g~~

~~Wright's stain (powdered) 10 g~~

~~Glycerin 30 cc~~

~~Methyl alcohol (must be acetone free) 1000 cc~~

~~basic fuchsin 1 g~~

~~95% ethyl alcohol 200 cc (we already have some)~~

~~borax (sodium borate) 5 g~~

~~methylene blue 20 g (we already have some)~~

~~brilliant cresyl blue 10 g~~

~~(5b) neutral formalin 200 cc 00-3-0001~~

~~chemically pure NaCl sodium chloride 25 g~~

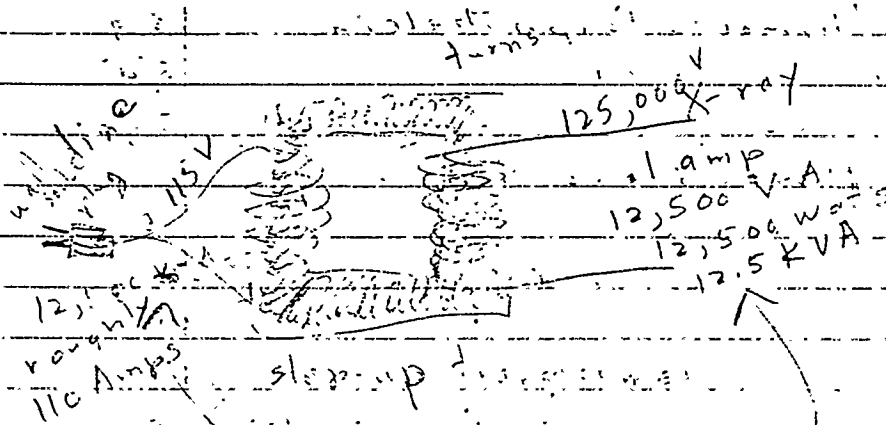
~~1000 ml~~

$$\frac{V}{A} = R$$

Amps Volts Watts

$$= \text{Amps} \times \text{Volts} = \text{Watts}$$

$$4 A \times 115 V = 460 \text{ Watts}$$



$$\text{Volts} \times \text{amps} = \text{Volts} \times \text{amps}$$

5 V.V. 2-15

00-3-VVV,

C Indicators
ND sodium alizarin monosulfonate 5 g
~~bromoresol green 5 g~~
^{NA} ~~dibromthymolsulfonphthalein 5 g~~
~~chlorophenol red 5 g~~
~~congo red 5 g~~
 NAP-(dimethylamino)azo benzene 5 g
~~methyl orange 5 g~~
~~methyl methyl red 5 g~~
~~neutral red 5 g~~
~~phenolphthalein 5 g~~
~~phenol red (phenolsulfonphthalein) 5 g~~
~~starch~~
^{NA} thymol blue (thymolsulfonphthalein) 5 g

~~urea c.p. 1000 g~~
~~sodium tungstate 200 g~~
^{NA} sodium cyanate 200 g ^{NA}
~~lithium carbonate 1 g~~
~~uric acid 2 g~~
~~creatinine 1 g~~
~~picric acid 250 g (high purity)~~
~~anhydrous anhydrous sodium carbonate 125 g~~

(NIT-8-1)

80-3-VVV 2

microtome
(tissue slicer)

VWR Scientific Catalog

(page 738, page 731 p 112)

page 865

mystic tape my copy.

page 252 get catalog

follow-up 261, 160 supposed
to be ordered already

MICROTOME 485000-002 \$158.00

Photomicrographic Apparatus

cat # 47122-001 \$69.95

Micro cover glasses, 2 sets of 10 02

size 22x40mm, cat # 48393-048 \$22.50

size 22x50mm, cat # 48393-059 \$22.50

(check whether
we need 2.) Microscope Filter set

53749-000 \$10.00

VWR's Chemicals - Diagnostics

~~Fisher Scientific~~ ~~832~~

Catalog (no price)

Rapid Blood Grouping Slide 2 of them

14214-002 each 3.40 \$6.80

do follow up on these - if
not ordered already, please order.
Cassette, Process/Embedding

48676-257 (case of 1500) \$71.50

(Tissue Processing Capsules ~~\$47.70~~)

48680-006 (case of 1000) \$47.70

80-3-WWW

Fisher Scientific Catalog ~~832~~

Net in Cakers

- sulfobromophthalic acid
- sodium diethylbarbiturate
- sodium picric acid
- sodium cyanide
- phenanthrene sulfonic acid
- polycyclic aromatic hydrocarbons
- chloride
- potassium rose

Check in:

- Blood typing serum
- Sterile culture media
- Penicillin, Guaiac

1. 4. 6. 8. 10. 12. 14. 16. 18. 20. 22. 24. 26. 28. 30. 32. 34. 36. 38. 40. 42. 44. 46. 48. 50. 52. 54. 56. 58. 60. 62. 64. 66. 68. 70. 72. 74. 76. 78. 80. 82. 84. 86. 88. 90. 92. 94. 96. 98. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

00-3-XX

note - check on the colloidal gold contest

~~alizerin 35g~~

~~potassium alum 2g~~

~~branthymol blue 1g~~

~~oxalic acid 10 cc~~

~~lithium oxalate 1g~~

~~ammonium sulfate 150g~~

~~crystal violet 1g~~

NA sodium penicillin G crystals (keep refrigerated!) 1 small bottle top quality.

NA sterile broth culture mediums -
more than 1 type - can we homemade
our own?

NA anti-A & anti-B typing serum

~~albumin 2g~~

NA anti-Rh typing serum

NA lithium oxalate 100g

~~sodium tungstate 14g~~

~~glucose 100g~~

~~tartaric acid $C_4H_6O_6$ 20g~~

~~copper sulfate $CuSO_4 \cdot 5H_2O$ 120g~~

* ~~phosphoric acid 1 liter~~

p272 ~~molybdic acid H_2MoO_4 200g~~

~~potassium dichromate 30g~~

~~mercury bichloride 60g~~

~~formalin 1 liter~~

~~calcium carbonate (marble chips are OK) 10 lbs.~~

5 V V V ~~picric acid 100g solid or 1 liter sol'n~~

~~thymol 1g thymol 1g~~ 00-3-YYY,

start at page 106
liver function, fecal examination
~~Sulfuric acid p 109~~

(~~potassium dichromate $K_2Cr_2O_7$ 10 g~~
~~sulfobromophthalein sodium (brom sulfalein)~~
~~NA (sterile brom sulfalein may be obtained~~
~~from Hyenson, Westcott, & Punning, Baltimore Md)~~
~~for colorimeter (either 700 g and we sterilize our own,~~
~~filter # 116 or buy 2,000 ampoules of 3cc each~~
~~of 5% sterile solution) from this company~~

whatman #5
filter paper
or its equivalent
~~ferrous sulfate $FeSO_4 \cdot 7H_2O$ need 4,200 g~~
~~toluene 10 cc~~

glycerol
phoric acid, dr.
sodium
~~petroleum ether 240 cc~~
~~sodium beta-glycero-phosphate $[NaC_3H_5(OH)_2PO_4]$ 50 g~~
~~sodium diethyl barbiturate 50 g NA~~

(~~trichloroacetic acid 2 liter~~

~~sulfuric acid 3 liters~~
~~sodium molybdate 300 g~~
~~sodium molybdate 300 g~~

~~stannous chloride 300 g~~

~~galactose 28,000 g (or 28 kg, or 60 lbs)~~

~~copper sulfate $CuSO_4 \cdot 5H_2O$ 1,800 g or 4 lbs~~

~~sodium carbonate, anhydrous 10 kg or 22 lbs~~

~~sodium citrate, c.p. 20 kg or 44 lbs~~

~~potassium sulfocyanate, cp. 13 kg or 29 lbs~~

~~potassium ferrocyanide 30 g~~

~~46 NA grams Fleischman's yeast~~

~~acetic acid 6 liters~~

~~hydrogen peroxide H_2O_2 1 liter~~

NA guaiac. 5 g is this the same as guai.

~~mercuric chloride 40 g~~ 00-3-YYY2

nitrazine paper: 1000 pieces NA

Larry's office and lab

- Office { Petri dishes, about 90 plastic funnels 3 (diff sizes)
40 ml beakers ?
300 ml beaker 1
~~fat test tubes~~ & centrifuge tubes 8
glass funnel, small, 1
1 bottle lysol
1 gallon denatured ethyl alcohol
12 gallon jars drierite
orange-edge labelling tape
11 jars autoclave cleaning solution
8 mixed pipettes
6 bottles with ground glass stoppers
1 sensidisc 8-place dispenser
6 doz petri dishes
- lab. { 2 500-ml flasks (volumetric)
12 500-ml flasks (boiling)
36 conical centrifuge tubes
2 25-ml graduated cylinder
24 tiny glasses - like doll's cups
3 100-ml graduated cylinder
4 500-ml flask (Erlenmeyer)
2 250-ml graduated cylinders
5 volumetric 100 ml flasks
2 500-ml graduated cylinders
1 50-ml graduated cylinder
24 test tubes.

00-3-ZAZ,

5.5.5-8 00

MON WEL

- () 3% peroxide 2 pints
- 6 bottles methylene blue stain
- 7 Giemsa stain
- 8 Safranin
- denatured ethyl alcohol 2 gal
- * carbol fuchsin (Ziehl-Neelsen form)
- * Kosmet's acid
- * A.C.I.

- mounting solution 2 gal
- electrolyte solution
- injection of 1/2 pt each
- () 1. iodine solution (Gram's method)
- * calcium chloride
- * sodium bicarbonate
- temperature of 1 pt
- betadine
- nitrocellulose paper roll (memory)
- equal 5 yard roll - front E.R. 500
- 8. Sens. 1/2 x 1/2 Y. 100
- ig. mac. paper roll
- 2. 1/2 x 1/2

- () 2. 1/2 x 1/2
- hematist
- 1. 1/2 x 1/2
- 00-3-2222

To be able to analyze Aluminum,
Iron, Sulfur, Calcium, Magnesium,
Phosphorus, Potassium, Copper and Zinc
also occasionally Chlorine & Molybdenum

1 liter H_2SO_4 (sulfuric acid) 1 qt
~~10 g $AgNO_3$ (silver nitrate) $\frac{1}{3}$ oz.~~

~~10 g~~ 1 liter HCl (hydrochloric acid) 10 qt

1 g Potassium Ferricyanide $\frac{1}{30}$ oz

1 g 1 liter NH_4OH (ammonia) 10 qt

10 liter HNO_3 (nitric acid) 10 qt
(get concentrated or 70%)

~~5 g $AgNO_3$ (silver nitrate) $\frac{1}{6}$ oz~~

3,000 g NH_4Cl (ammonium chloride) 16 lb

~~200 g NH_4NO_3 (ammonium nitrate) $\frac{1}{7}$ oz~~

~~(you may have trouble getting this)~~

450 g sodium oxalate $Na_2C_2O_4$ 11b

450 g sodium thiosulfate $Na_2S_2O_3$ 11b

10 g $FeSO_4 \cdot (NH_4)_2SO_4 \cdot 6H_2O$

ferrous ammonium sulfate $\frac{1}{3}$ oz

~~10 g $Na_2SO_4 \cdot 10H_2O$~~

~~sodium sulfate decahydrate $\frac{1}{3}$ oz~~

1,900 g $BaCl_2$ barium chloride 2 $\frac{1}{2}$ lb

1,500 g $(NH_4)_2C_2O_4 \cdot H_2O$ ammonium
oxalate 3 lb

1 liter H_2SO_4 sulfuric acid 1 qt

10 g powdered zinc 00-3-AAAA $\frac{1}{3}$ oz

450 g $KMnO_4$ potassium permanganate 1 lb

* ~~5 g $MgSO_4 \cdot (NH_4)_2SO_4 \cdot 6H_2O$~~
~~magnesium ammonium sulfate~~ $\frac{1}{8} lb$
~~* (not essential just useful)~~

900 g Diammonium Phosphate
 $(NH_4)_2 HPO_4$ $2 \frac{1}{2} lb$

750 g $MgCl_2 \cdot 6H_2O$ magnesium chloride $1 \frac{2}{3} lb$

* 50 g KNO_3 potassium nitrate 5 oz

* 100 g 85% molybdic acid $3 \frac{1}{2} oz$

* 1 g ammonium phosphate or $\frac{1}{30} oz$
10 ml H_3PO_4 phosphoric acid 2 fluid oz

all 3 of these needed together - if any
one not available, forget the other 2

250 g H_2PtCl_6 chloroplatinic acid 9 oz

Aitch-Two-Ess hydrogen
sulfide generator

100 g $CuSO_4 \cdot 5H_2O$ cupric sulfate $\frac{1}{4} lb$
450 g (also known as copper sulfate, bluestone, blue vitriol)

100 g $Pb(C_2H_3O_2)_2$ lead acetate $1 \frac{1}{4} lb$
450 g

600 g diammonium hydrogen
phosphate $(NH_4)_2 HPO_4$ $1 \frac{1}{2} 5 oz$

other useful chemicals - borax;
(sodium tetraborate), bluestone
(copper sulfate or cupric sulfate,
 $CuSO_4$), sulfur, alum, and gelatin.
about 10 lbs each,

10 liters H_2SO_4 , 10 l HNO_3 , 25 g Mg powder,
10 lbs each glycerin, sulfur, 10 l each
acetone, ammonia & Sterno canned
heat outfit

00-3>AAAA₂

| | |
|----------------------------|--------|
| iodine | 1 lb |
| molybdic acid | 1 lb |
| mercury bichloride | 1 lb |
| methanol | 8 pt |
| magnesium sulfate | 5 lb |
| methyl orange | 25 g |
| lithium carbonate | 1 lb |
| neutral red | 25 g |
| litmus | 100 g |
| paraffin oil | 2 pt |
| potassium oxalate | 1 lb |
| potassium ferrocyanide | 1 lb |
| potassium phosphate, monol | 1 lb |
| potassium thiocyanate | 5 lb |
| phenol red | 25 g |
| phenolphthalein | 1/4 lb |
| picric acid | 1 lb |
| potassium dichromate | 1 lb |
| petroleum ether | 2 pt |
| oxalic acid | 1 lb |
| phosphoric acid | 8 lb |
| paraffin | 12 lb |
| potassium biphthalate | 1 lb |
| potassium chloride | 1 lb |
| potassium iodide | 1 lb |
| potassium acetate | 1 lb |
| phenol | 1 pt |
| *mercuric chloride | 1/4 lb |
| mercury | 1 lb |
| *resorcinol | 1/4 lb |
| *potassium sodium tartrate | 1 lb |
| silver nitrate | 1/4 lb |
| sulfuric acid | 54 lb |
| safranine | 25 g |
| sodium bicarbonate | 1 lb |
| sulfosalicic acid | 1 lb |
| sulfobromophthalein | 10 g |
| stannous chloride | 1 lb |
| Sudan III | 25 g |
| sulfanilic acid | 1/4 lb |
| tannic acid | 1/4 lb |
| xylene | 1 pt |
| urea | 1 lb |
| uric acid | 100 g |
| trichloroacetic acid | 1 lb |
| *Pratt's stain | 25 g |
| toluene | 1 pt |
| glycerophosphoric acid | 100 g |
| tartaric acid | 1 lb |
| thymol | 1/4 lb |

Things the lab book called for which were not listed in Baker's

sulfobromophthalein, sodium diethylbarbiturate, sodium penicillin G crystals, Fleischman's yeast, sodium cyanate, ammonium sulfamate, clarite, penicillinase, polychrome methylene blue

00-3-BBBB

Lab chemicals that are already ordered from J.T. Baker Co.

sodium hydroxide pellets 25 lb
 nitric acid 7 lb
 nitric acid DILUT-IT 1 (this is a very accurately measured, known amount of acid. By titration it can be used to find the exact concentration of any acid or base I may want to work with.)

| | | |
|--------------------------|--------|--|
| hydrochloric acid | 36 lb | |
| acetic acid | 30 lb | |
| sodium carbonate | 25 lb | |
| * ammonium molybdate | 1 lb | items with the symbol * are only needed in amounts like 1 ounce; the amount I ordered is Baker's smallest size |
| * manganese dioxide | 1 lb | |
| * sodium nitrite | 1 lb | |
| * sodium cyanide | 1 lb | |
| sodium nitroferricyanide | | |
| * sodium acetate | 1 lb | |
| sodium sulfate | 5 lb | |
| sodium chloride | 5 lb | if Pure enough to be used for IV solutions |
| sodium phosphate | 1 lb | |
| sodium citrate | 25 lb | |
| sulfuric acid | 54 lb | |
| sodium molybdate | 1 lb | |
| sodium tungstate | 3 lb | |
| acetone (cleaning fluid) | 5 gal | |
| acetone (chemical) | 1 pt | The difference is that chemical acetone has much less junk in it. It's important in a chemical test to know that I'm measuring the blood, not the junk in the acetone. |
| agar | 100 g | |
| alizerin | 25 g | |
| ammonium sulfate | 5 lb | |
| albumin, egg | 1/4 lb | |
| alcohol, anhydrous | 1 pt | |

| | |
|----------------------------|--------|
| ammonium thiocyanate | 1 lb |
| acid fuchsin | 25 g |
| ammonium oxalate | 1/4 lb |
| barium chloride | 1 lb |
| basic fuchsin | 25 g |
| sodium borate | 1 lb |
| brilliant cresyl blue | 25 g |
| barium hydroxide | 1 lb |
| bromoresol green | 5 g |
| aluminum potassium sulfate | 1 lb |
| bromothymol blue | 5 g |
| calcium chloride | 1 lb |
| marble chips | 5 lb |
| copper sulfate | 5 lb |
| crystal violet | 25 g |
| Congo Red | 150 g |
| chlorophenol red | 5 g |
| creatinine | 10 g |
| chloroform | 1 pt |
| eosin Y | 25 g |
| ether | 27 lb |
| ferric ammonium sulfate | 1 lb |
| dimethylaminobenzaldehyde | 25 g |
| ferric chloride | 1 lb |
| glycerin | 1 pt |
| formaldehyde | 8 pt |
| ferrous sulfate | 12 lb |
| dextrose | 1 lb |
| galactose | 3000 g |
| hydrogen peroxide | 10 g |
| hematoxylin | |

00-3-BBBB₂

already ordered

Please order - from Pauline Groot & Larry Schacht

S/P catalog 1976

Important note - the Dade SGOT and Dade SGPT reagents are unstable. They have to be kept at refrigerator temperatures all the time, or they self-destruct. They will have to be brought on ice. I'm sorry about this; I tried to pick the most stable reagents in the catalog, but there are no stable chemicals that perform those tests.

Besides that, many of the chemicals need to be protected from temperatures over 86 degrees. This isn't too hard but it does take a little attention, for instance, when they're on our boat they can't be next to the engine. A responsible person should escort them over.

When you get this order of chemicals from the company, please have somebody read all the labels to see if any of them call for refrigerator temperatures besides the two I named. It's possible the company catalog did not list all the unstable reagents as unstable since this sort of information does not help sales. The same person should check for expiration dates. It would be easy to swindle by sending expired or about-to-expire stuff and if it is about to expire, the company should replace it or refund the money.

S/P catalog 1976

| | page | item | number | each | how many | cost |
|------------------|--|----------------------------|-------------|---------|----------|---------|
| NO | 112-113 | * Triglyceride-Cholesterol | B5244-150 | \$54.00 | 1 | \$54.00 |
| YES | 113 | * Cholesterol Reagent | B5244-190 | 20.00 | 1 | 20.00 |
| NO | 115 | * Creatinine Reagent Set | B5263-1 | 30.80 | 1 | 30.80 |
| | 111 | Bili-Test Tablets | B 5240 | 7.00 | 1 | 7.00 |
| YES | 132 | * Bilirubin Reagent Set | B 5530-3 | 16.25 | 1 | 16.25 |
| | 98 | * Cyanmethemoglobin | B 4575 | 9.75 | 1 | 9.75 |
| NO | | * Cyanmethemoglobin | B 4577-1 | 11.65 | 1 | 11.65 |
| | | * Cyanmethemoglobin | B 4582-5 | 28.80 | 1 | 28.80 |
| NO | 129 | * Hycel Globulin Reagent | B 5378-2 | 21.60 | 1 | 21.60 |
| ? | 141 | * Hycel Dry Ash PBI set | B 5676 | 63.72 | 1 | 63.72 |
| NO | 113 | * Total Lipid Set | B 5244-620 | 15.00 | 1 | 15.00 |
| YES | 116 | * Uric Acid Set | B 5266 - 10 | 19.60 | 1 | 19.60 |
| is it practical? | The following 2 items will have to be ordered and brought here on ice all the way. They are also from SP Catalog '76 page 123. | | | | | |
| NO | 123 | * Dade SGOT Reagents | B 5326-1 | 15.65 | 1 | 15.65 |
| | 123 | * Dade SGOT Reagents | B 5326-10 | 15.65 | 1 | 15.65 |

* signifies that it goes with a spectrophotometer

00-3-0000

already ordered

SP Catalog - 19 76

| Page | item | number | each | how many | cost |
|------|------------------------|--------|-------|----------|-------|
| 12 | Sterilometer | A9465 | 8.75 | 1 | 8.75 |
| 777 | Hematix | U2330 | 3.14 | 3 | 9.42 |
| 777 | Albustix | U2386 | 4.94 | 1 | 4.94 |
| 779 | Combistix | U2721 | 9.80 | 1 | 9.80 |
| 780 | Urinary Stone Analysis | U2770 | 25.00 | 1 | 25.00 |
| 818 | Cytology scraper | 87750 | 11.35 | 1 | 11.35 |

VWR Catalogue - 1978

| | | | | | | |
|-----|-------|------------------------|------------|-------|---|-------|
| 152 | * NO | OPK, DynaZyme | JDZ 0403-5 | 27.70 | 1 | 27.70 |
| 154 | * YES | LDH, DynaZyme | JDZ 0303-5 | 19.55 | 1 | 19.55 |
| 156 | * NT | SGOT, DynaZyme | JDZ 0103-5 | 14.20 | 1 | 14.20 |
| 163 | | Gamcicult tabs. | GM0208 | 4.00 | 3 | 12.00 |
| 166 | | Extra Hydrometer Float | 15395-015 | 3.05 | 1 | 3.05 |
| 176 | | Vacutainer Holder | BD 4893 | .90 | 3 | 2.70 |

Fisher Catalogue Scientific 1977

| | | | | | | |
|-----|------|-------------------------------|---------|-------|------|-------|
| 746 | * | Deltatest OPK | PB829 | 30.00 | 1 | 30.00 |
| 636 | | Glass Culture Tubes 14-923-5B | 7.70 | 1 | 7.70 | |
| 711 | * NO | Cyanmethemoglobin Reagent | DT 401 | 8.00 | 1 | 8.00 |
| 704 | | BBL Bacteriuria Test | B21494 | 6.83 | 3 | 20.49 |
| 663 | | Albuminometer | 11-385 | 8.75 | 1 | 8.75 |
| 672 | | H-Uristix | AM2854 | 10.50 | 2 | 21.00 |
| 672 | | Microstix-3 | AM3007 | 6.73 | 5 | 33.65 |
| 670 | * * | Uricase Uric Acid | MC 1017 | 24.50 | 1 | 24.50 |
| 669 | * * | Total Protein | MC 1003 | 10.00 | 1 | 10.00 |
| 669 | * | Catalyzed Phosphorus | MC 6500 | 14.50 | 1 | 14.50 |
| 669 | * | Serum Iron/TIBC | MO5350 | 21.00 | 1 | 21.00 |

00-3-CCCC-2

ortho - toluidine
for blood sugar

p 132

? Bacto - C Protein Standard.

~~Bacto - Hetro. Slide Test Kit, D.f.co.~~

~~Monosticon " Organon~~

~~Mono Test, Wampole~~

135 Febrile Antigen set

? VP tests - yes

? 172 Ukopette - platelet

76 vacutainer holder - 12 & needles

206 wash bottles 6

redo brushes

VWR says circulator & means essentially
hot water bath

funnels? furnaces?

blood pH meter

more thermometers

commence again at inks 677

00-3-cccc3

already ordered

Page 3

FISHER CATALOG (CONTINUED)

| Page | item | number | each | how many | cost |
|---------|------------------------|---------|-------|----------|-------|
| YES 669 | * Serum Iron/UBC * | MG1610 | 53.00 | 1 | 53.00 |
| 668 | * Chloride | MG1002 | 22.00 | 1 | 22.00 |
| 667 | * Jendrassik Bilirubin | MG9000 | 25.00 | 1 | 25.00 |
| 667 | * Albumin | MG1007 | 21.00 | 1 | 21.00 |
| 668 | * 60 Sec. Calcium | MG 1037 | 16.00 | 1 | 16.00 |

TO BE ORDERED

plastic bags - some autoclavable.

asbestos board

constant-temp. bath

* safranin red, phenol red
~~best black~~

more sed rate tubes

LOCKS

* Enterotube or oxiferm tube if
present in bond

wire loops

counting chamber ES fluid

cleaning wires, blood pipette VWR 116

Blood Constants calculator, Best's^{p 117}
anemia classifier VWR 12.05

Filling Needle for sed-tubes WWR 129

~~Best pipet VWR 150?~~

00-3-00004

to get

Base 2

Typing st. Send = 9710

Bacteria ID System

Flame photometer? or

funnels & filter paper for blood filtrates

partial sorbthromoplastin

platelet counter

hemacytometer

blood pipettes RBC & WBC (6 each)

Hayem's solution

pipette washer

blood diluting pipette smooth pieces (6)

hanging Hg glass slides

slide boxes or

marking pencils 1/2 / 6.55

more lens paper

(special long skinny pipette for filling

used water tubes)

eyedroppers: lots

cans to keep pipettes in (pipette holder)

pipettes for reticulocytes (p 109)

all syringes & needles

culture pack β -hemolytic strep 113

wire racks homemade or bought

151 8 more talistix labstix, uristix, 126

clintestix, hemastix

(call SF, LA for more baby food jars)

applicator sticks, tongue blades

thermometers? tissue culturing.

00-3-0000\$