



YOGI VEMANA UNIVERSITY

Department of Chemistry, KADAPA – 516 003, Andhra Pradesh, INDIA

Dr. KATTA VENKATESWARLU

Assistant Professor

Principal Investigator SERB-DST Project

(Tel): 91–(8562)–225410

(Mobile): 91-9490420982

e-mail: kvenkat@yogivemanauniversity.ac.in

No. YVU/KVLu/ SERB-DST /CHEMICALS /2014-15-3

28th February, 2015

To

M/S Suppliers

Sub: Y. V. University – Department of Chemistry – SERB-DST project – Purchase of Chemicals – Call for Quotations.

Ref: Registrar's permission No: YVU/DEVP/KVL/SERB-DST/CHEM/ Equip,Consum,Cont, Analy & Travel & PA./Permi/IQ/2014-15, Dated: 23rd July, 2014 & YVU/ Devp/KVL/ SERB-DST/Revised break-up (consum & Manpower)/Permission/IQ/2014-15, Dated: 28th February, 2015.

Sealed quotations are invited to supply Chemicals listed below for the SERB-DST sponsored Young Scientist research project. The quotations in triplicate should reach **THE REGISTRAR, YOGI VEMANA UNIVERSITY, KADAPA – 516 003** on or before **07-03-2015** through Registered post / Speed post. **Kindly mention the last date and super scribe the reference number on the cover.**

Thanking you.

Sincerely,

(K. VENKATESWARLU)

Dr. K. Venkateswarlu

Assistant Professor

Department of Chemistry

YOGI VEMANA UNIVERSITY

KADAPA - 516 003

Enclosure: List of Chemicals with required make is enclosed.

LIST OF CHEMICALS REQUIRED

Sl. No.	Name of the Chemical	Catalog / Product Code	Make	Quantity
1.	Iodomethane (98%)	ASI2115	AVRA	25 ml
2.	Oxalyl Chloride (98%)	ASO1184	AVRA	100 gr
3.	4-Chloro aniline	ASC1773	AVRA	500 gr
4.	2-Chloro aniline	ASC2466	AVRA	100 ml
5.	4-Chloro benzaldehyde	ASC1129	AVRA	100 gr
6.	2-Chloro benzaldehyde	ASC1536	AVRA	100 gr
7.	o-Phthalaldehyde (99%)	ASO1689	AVRA	5 gr
8.	Phosphorus(III) bromide (98%)	ASP1663	AVRA	25 ml
9.	Phloroglucinol (98%)	ASP1481	AVRA	25 gr
10.	o-Anisidine (98%)	ASO1770	AVRA	500 gr
11.	p-Anisidine (98%)	ASO1771	AVRA	500 gr
12.	Acetophenone	ASA2383	AVRA	500 ml
13.	Acetic acid (99%)	ASA1550	AVRA	500 ml
14.	Acetyl chloride (98%)	ASA1009	AVRA	500 ml
15.	Allyl bromide (98%)	ASA2345	AVRA	100 ml
16.	Allyl alcohol (98%)	ASA1032	AVRA	500 ml
17.	Acrylic acid (98%)	ASA2419	AVRA	500 ml
18.	Anhydrous AlCl ₃ (98%)	ASA2001	AVRA	100 gr
19.	Ammonia (25% aq. solution)	ASA2412	AVRA	500 ml
20.	Aniline (99%)	ASA2404	AVRA	500 ml
21.	Azobisisobutyronitrile (98%)	ASA2373	AVRA	100 gr
22.	Benzoic acid (98%)	ASB1355	AVRA	500 gr
23.	Benzophenone (98%)	ASB1881	AVRA	500 gr
24.	Benzyl amine (98%)	ASB1058	AVRA	500 ml
25.	Benzyl bromide (96%)	ASB1059	AVRA	100 gr
26.	R-Binol (99%)	ASR1070	AVRA	5 gr
27.	S-Binol (99%)	ASS2159	AVRA	5 gr
28.	Borontribromide (99%)	ASB1091	AVRA	25 gr
29.	2-Bromobenzaldehyde (95%)	ASB1103	AVRA	25 gr
30.	4-Bromobenzaldehyde (98%)	ASB1105	AVRA	25 gr
31.	5-Bromo indole (98%)	ASB1877	AVRA	25 gr
32.	n-Butylamine (98%)	ASB2549	AVRA	500 ml
33.	Propargyl alcohol (98%)	ASP1485	AVRA	100 ml
34.	3-Butyne-1-ol (98%)	ASB1394	AVRA	25 g
35.	Butyraldehyde (98%)	ASB2123	AVRA	500 ml
36.	Calcium carbonat (98%)	ASC1735	AVRA	500 gr
37.	Calcium hydride	ASC2120	AVRA	25 gr
38.	Activated charcoal	ASC1567	AVRA	1 kg
39.	Catechol (98%)	ASC1823	AVRA	100 gr
40.	Celite	ASC2501	AVRA	1 kg
41.	Ceric ammonium nitrate (99%)	ASC2373	AVRA	100 gr
42.	Cesiumcarbonate (98%)	ASC1809	AVRA	25 gr
43.	3-Chloroaniline (98%)	ASC1542	AVRA	100 ml
44.	Trimethylsilylchloride (98%)	ASC1289	AVRA	100 ml
45.	trans-Cinnamaldehyde (98%)	ASC2402	AVRA	100 gr

46.	Copper(I)bromide (98%)	ASC1560	AVRA	100 gr
47.	Copper(I)cyanide (98%)	ASC1562	AVRA	100 gr
48.	Copper(I)iodide (98%)	ASC1563	AVRA	25 gr
49.	Copper sulfate penta hydrate (98%)	ASC1746	AVRA	500 gr
50.	o-Cresol (98%)	ASO2050	AVRA	500 gr
51.	m-Cresol (98%)	ASM2597	AVRA	500 ml
52.	p-Cresol (98%)	ASP2051	AVRA	500 gr
53.	Trimethylsilylcyanide (90%)	AST2327	AVRA	5 gr
54.	1,3-cyclohexanedione (98%)	ASC1145	AVRA	25 gr
55.	Cyclohexylamine (98%)	ASC1831	AVRA	250 ml
56.	DABCO	ASD1944	AVRA	100 gr
57.	DBU	ASD1148	AVRA	100 ml
58.	<i>N-N'</i> -Dicyclohexylcarbodiimide (98%)	ASN1261	AVRA	100 gr
59.	Diethyl azodicarboxylate (90%)	ASD1260	AVRA	5 gr
60.	Dess-Martin periodinate (97%)	ASD2235	AVRA	25 gr
61.	Diisopropyl azodicarboxylate (95%)	ASD1604	AVRA	25 gr
62.	1,2-Dichloroethane (98%)	ASD1165	AVRA	500 ml
63.	DDQ	ASD2500	AVRA	25 gr
64.	2,3-Dihydropyran (98%)	ASD2444	AVRA	100 ml
65.	3,4-Dihydroxybenzaldehyde (98%)	ASD2479	AVRA	25 gr
66.	3,4-Dimethoxyacetophenone (97%)	ASD2478	AVRA	25 gr
67.	2,4-Dimethoxybenzaldehyde (95%)	ASD2525	AVRA	25 gr
68.	Vanilin (99%)	ASV2323	AVRA	100 gr
69.	3,4-Dimethoxybenzoic acid	ASD1871	AVRA	25 gr
70.	DMAP (98%)	ASD1293	AVRA	25 gr
71.	2,4-Dimethylaniline (98%)	ASD2454	AVRA	250 ml
72.	3,5-Dimethylaniline (98%)	ASD2582	AVRA	100 ml
73.	3,5-Dinitrobenzoic acid (98%)	ASD1540	AVRA	100 gr
74.	Ethyl acetoacetate (98%)	ASE2507	AVRA	250 ml
75.	Ethylmagnesium bromide 1M in THF	ASE2541	AVRA	100 ml
76.	Ethyl acrylate (98%)	ASE1572	AVRA	500 ml
77.	Triethyl orthoformate (98%)	AST1226	AVRA	500 ml
78.	Hexanal (98%)	ASH2529	AVRA	100 ml
79.	Hydrazine hydrate 75%	ASH2558	AVRA	500 ml
80.	Hydrobromic acid (47%)	ASH1577	AVRA	500 ml
81.	Hydrochloric acid (36%)	ASH1578	AVRA	2.5 lit
82.	Hydrogen peroxide (30%)	ASH1579	AVRA	500 ml
83.	3-Hydroxyacetophenone	ASH1175	AVRA	25 gr
84.	4-Hydroxyacetophenone	ASH1851	AVRA	100 gr
85.	2-Hydroxybenzaldehyde (98%)	ASS2613	AVRA	100 ml
86.	3-Hydroxybenzaldehyde (97%)	ASH1543	AVRA	25 gr
87.	4-Hydroxybenzaldehyde (98%)	ASH1296	AVRA	100 gr
88.	Salicylic acid (98%)	ASS1205	AVRA	500 gr

89.	4-Hydroxybenzoic acid (98%)	ASH1546	AVRA	100 gr
90.	Indole (98%)	ASI2545	AVRA	100 gr
91.	3-Acetylundole (95%)	ASA2440	AVRA	1 gr
92.	Isatin (98%)	ASI2531	AVRA	100 gr
93.	Magnesium turnings (99%)	ASM2599	AVRA	500 gr
94.	2,4-Pentanedione (99%)	ASP1482	AVRA	100 ml
95.	Malanonitrile (98%)	ASM1926	AVRA	100 gr
96.	Methanesulfonic acid (98%)	ASM2275	AVRA	250 ml
97.	4-Methoxyacetophenone (98%)	ASM1854	AVRA	100 gr
98.	4-Methoxybenzoic acid (95%)	ASM2618	AVRA	100 gr
99.	<i>p</i> -Tolualdehyde (97%)	ASP1222	AVRA	25 gr
100.	<i>o</i> -Toluidine (98%)	ASO1780	AVRA	500 ml
101.	<i>p</i> -Toluidine	AST2638	AVRA	100 gr
102.	<i>m</i> -Toluidine (98%)	ASM1769	AVRA	500 ml
103.	<i>p</i> -Toluenesulfonyl chlorid (95%)	ASP2009	AVRA	500 gr
104.	<i>p</i> -Toluenesulfonic acid monohydrate (98%)	ASP1661	AVRA	500 gr
105.	Ethyl bromoactate (97%)	ASE2480	AVRA	100 ml
106.	Molecular sieves 4Å	ASM2632	AVRA	250 gr
107.	2-Naphthol (98%)	ASN1199	AVRA	100 gr
108.	1-Naphthyl amine (98%)	ASA2451	AVRA	100 gr
109.	Silicone oil	ASS2672	AVRA	250 ml
110.	2-Nitrobenzaldehyde 98%	ASN2684	AVRA	25 gr
111.	4-Nitrobenzaldehyde 95%	ASN2290	AVRA	25 gr
112.	2-Nitroaniline 99%	ASN1241	AVRA	250 gr
113.	3-Nitroaniline 99%	ASN1240	AVRA	250 gr
114.	4-Nitroaniline 99%	ASN1239	AVRA	100 gr
115.	Nitromethane 98%	ASN2688	AVRA	250 ml
116.	Pyridiniumdichromate (PDC) 98%	ASP2305	AVRA	25 gr
117.	Phenylacetylene 95%	ASP2589	AVRA	25 ml
118.	Silicon oil	ASS2672	AVRA	1 lit
119.	Resorcinol 98%	ASR1776	AVRA	250 gr
120.	Zinc dust 95%	ASZ1805	AVRA	500 gr
121.	Tryptamine	AST2654	AVRA	10 gr
122.	Tetrabutylammoniumbromide 98%	AST1235	AVRA	25 gr
123.	L-Proline 98%	ASL1381	AVRA	25 gr
124.	4-Methoxyacetophenone 98%	ASE2010	AVRA	500 ml
125.	4-Isopropylbenzaldehyde 98%	ASI2735	AVRA	25 gr
126.	Ethylene glycol 98%	ASE2010	AVRA	500 ml
127.	Ethylenediamine 98%	ASE2486	AVRA	100 ml
128.	Ethyl bromo acetate 97%	ASE2480	AVRA	100 ml
129.	Ethylacetate 98%	ASE1572	AVRA	500 ml
130.	Ethylacetoacetate 98%	ASE2507	AVRA	500 ml
131.	Epi-chlorohydrin 98%	ASE2500	AVRA	500 ml
132.	Ethanolamine 98%	ASE1888	AVRA	500 ml
133.	Dimethylmelonate 98%	ASD1294	AVRA	500 ml
134.	4-(Dimethylamino)benzaldehyde	ASD3057	AVRA	100 gr

135.	Diisopropylamine 98%	ASD3045	AVRA	500 ml
136.	4-Fluoroaniline 98%	ASF1439	AVRA	100 gr
137.	4-Fluorobenzaldehyde 98%	ASF1430	AVRA	25 gr
138.	2-Amino pyridine 97%	ASA1049	AVRA	100 gr
139.	Alpha tetralone 97%	AST1763	AVRA	100 gr
140.	TLC Plates (Silica gel on Aluminium sheets), 60F 254 Size: 20cm X 20cm	AST 2743	AVRA	1BOX
141.	D-(-)-Tartaric acid, 98%	ASD1348	AVRA	100 gr
142.	L-(+)-Tartaric acid, 98%	ASL1631	AVRA	500 gr
143.	L-Tyrosine, 98%	ASL1387	AVRA	100 gr
144.	Trichloroisocyanuric acid, 90%	AST1917	AVRA	250 gr
145.	Trifluoroacetic acid, 98%	AST1227	AVRA	100 ml
146.	L-Serine, 99%	ASL1388	AVRA	25 gr
147.	L-Histidine, 98%	ASL1422	AVRA	25 gr
148.	3-hydroxy-4-methoxy benzaldehyde	ASH1544	AVRA	25 gr
149.	Titanium(IV)chloride	40443	SD Fine Chemicals	500 ml
150.	L-Tryptophan	47153	SD Fine Chemicals	100 gr
151.	Calcium chloride anhydrous	37585	SD Fine Chemicals	1 Kg
152.	<i>o</i> -Hydroxyacetophenone	38521	SD Fine Chemicals	100 ml
153.	Dried magnesium sulfate	39118	SD Fine Chemicals	500 gr
154.	<i>o</i> -Phenylenediamine	39497	SD Fine Chemicals	250 gr
155.	Cupric Acetate Monohydrate	37829	SD Fine Chemicals	250 gr
156.	Cuprous bromide	37853	SD Fine Chemicals	500 gr
157.	Cuprous chloride	37854	SD Fine Chemicals	500 gr
158.	Zinc chloride	40605	SD Fine Chemicals	500 gr
159.	Acetic anhydride anhydrous AR, ACS, ISO	20002	SD Fine Chemicals	500 ml
160.	Citric acid monohydrate, AR, ACS	20081	SD fine Chemicals	500 gr
161.	Benzaldehyde AR	20050	SD fine Chemicals	500 ml
162.	<i>p</i> -Anisaldehyde (99%)	37231	SD fine Chemicals	250 ml
163.	Ammonium acetate, AR, ACS	20013	SD fine Chemicals	500 gr
164.	Ammonium chloride, AR, ACS	20017	SD fine	500 gr

			Chemicals	
165.	Benzyl alcohol, AR, ACS	87354	SD fine Chemicals	250 ml
166.	Bromoethane	37455AM	SD fine Chemicals	5 x 20 ml
167.	Cerium(III)chloride heptahydrate (98%)	37659	SD fine Chemicals	25 gr
168.	3,4-Dimethoxybenzaldehyde (98%)	76142	SD fine Chemicals	100 gr
169.	Iodine resublimed, AR, ACS	20135	SD fine Chemicals	25 gr
170.	Ethyl cyanoacetate	38337	SD fine Chemicals	250 ml
171.	1-Naphthol	39290	SD fine Chemicals	100 gr
172.	Nitric acid 69-72%	39335	SD fine Chemicals	500 ml
173.	2-Nitrobenzyl alcohol 95%	56278	SD fine Chemicals	25 gr
174.	Paraformaldehyde for synthesis	39447	SD fine Chemicals	500 gr
175.	Pyridiniump-toluenesulfonate (PPTS) 98%	56195	SD fine Chemicals	25 gr
176.	Acetylacetone 99%	37035	SD fine Chemicals	250 ml
177.	Silver carbonate	40078	SD Fine Chemicals	25 gr
178.	Perchloric acid 70%, ACS	1.93005.0521	Merck	500 ml
179.	TLC Plates (Silica gel on Glass support), 10-40 um			25 plates
180.	Homogentisic acid gama-lactone	H0630	TCI Chemicals	5 gr
181.	Geranyl bromide	A14093	Alfa Aesar	5 gr
182.	Geraniol	A13736	Alfa Aesar	250 gr
183.	3-Methyl-2-butene-1-ol	A16089	Alfa Aesar	100 gr
184.	AD-mix-alpha	392758	Aldrich	10 gr
185.	AD-mix-beta	392766	Aldrich	10 gr

Note:

- Chemicals should be delivered at Y. V. University, KADAPA.
- Quotations should be valid for at least 3 months and price should be inclusive of all taxes.
- Please mention the mode of payment in the quotation.
- Please super scribe the reference number and last date on the cover.

Venkateswarlu

Dr. K. Venkateswarlu
Assistant Professor
Department of Chemistry
YOGI VEMANA UNIVERSITY
KADAPA - 516 003.