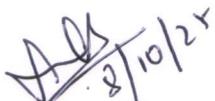


Sl. No	ITEMS-(CHEMICALS-CONSUMABLES)	Quantity
1	Ammonium Hydroxide	5lt x 5 = 25lt
2	Ammonium Chloride	500g x 6 = 3Kg
3	Ammonium Ferrous Sulphate	500g x 10 = 5Kg
4	Ascorbic Acid	500g x 2 = 1Kg
5	Chlorobenzene	500ml x 10 = 5lt
6	Carbon Tetrachloride	500ml x 10 = 5lt
7	Diphenyl amine indicator	500g x 1 = 500g
8	Ferriin Indicator	100ml x 20 = 2lt
9	Folin- ciocalteu reagent	125ml x 2 = 250ml
10	Gallic Acid	500g x 1 = 500g
11	Hydrogen peroxide	500ml x 4 = 2lt
12	Hydrochloric Acid	5lt x 4 = 20lt
13	Methyl orange	125ml x 10 = 1.25lt
14	Phenolphthalein Indicator	125ml x 12 = 1.5lt
15	Potassium permanganate	500g x 2 = 1Kg
16	Sodium Carbonate	500g x 2 = 1Kg
17	Sulphuric Acid	5lt x 6 = 30lt
18	Potassium Hydroxide	500g x 2 = 1Kg
19	Polyvinylpyrrolidone	100g x 5 = 500g
20	Isopropyl Alcohol	2.5lt x 1 = 2.5lt
21	Toluene	500ml x 10 = 5lt
22	250ml Standard flask	50no.

  
 8/10/24  
 Lab In-charge  
 Chemistry Laboratory

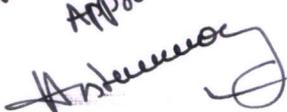
  
 Dr. N. Satheesha Kumara  
 HOD, Science & Humanities

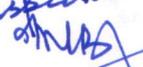
Chemistry Lab Req 2025-2026

Durga lab:- 13,297.32 |

Essary chem:- 50,678.34 |

Encl:-  
 \* Quotation  
 \* Comparative stn.

Provided for  
 Approval  


P.O may be issued  
 to respective selected  
 vendors  
  
 24.10.25



# CANARA ENGINEERING COLLEGE

An Autonomous Institution, Approved by AICTE, Accredited by NAAC with A Grade

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL, MANGALURU - 574219



Department of Science and Humanities

From,

HOD

Department of Science & Humanities

CEC, Sudhindra Nagara, Benjanapadavu-574219

To,

The Principal,

CEC, Sudhindra Nagara, Benjanapadavu-574219

Date: 08-10-2025

Dear Sir,

Please find attached the Indent for the purchase of the Consumables Chemicals and Glasswares for the CHEMISTRY Laboratory.

PTO

On Wed, Oct 8, 2025 at 12:21 PM HoD, Science & Humanities Department  
<cec.firstyearbehod@gmail.com> wrote:

Dear Sir/ Madam

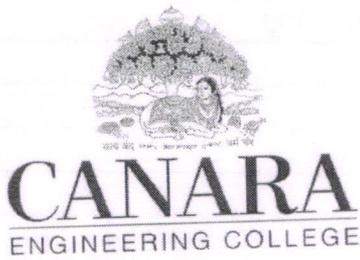
Kindly quote for the following items required for the Chemistry lab at Canara Engineering College.

--

With Regards,

Dr. Nurgemar Satheesha Kumara

Professor and HOD Science & Humanities



Sudheendra Nagara, Benjanapadavu,  
Bantwala Taluk. 574219.  
+91-9448812194

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Essarkay Chemicals & Equipment Centre Vitobha Temple Road Mangalore  
575001 Tel: (0824)2982794  
Mobile: 7019224828 GSTIN No: 29AINPP2254J1ZR  
TIN NO: 29180685800 dated 06.07.2012

From: ESSARKAY CHEMICALS <essarkaychem@gmail.com>

Date: Wed, Oct 15, 2025 at 8:47 AM

Subject: Re: Quotation

To: HoD, Science & Humanities Department <cec.firstyearbehod@gmail.com>

Dear Sir,

With reference to your inquiry, we are pleased to submit herewith our quotation.

Sl. No	ITEMS-(CHEMICALS-CONSUMABLES)
1	Ammonium Hydroxide: Rs 126,5 per 500ml; Rs. 526 per 5lt; Rs. 363 Per 2.5lt
2	Ammonium Chloride: Rs. 168 per 500g
3	Ammonium Ferrous Sulphate: Rs.168 Per 500g
4	Ascorbic Acid: Rs. 274 Per 100; Rs. 1120 Per 500g
5	Chlorobenzene: Rs. 274 Per 500ml
6	Carbon Tetrachloride: Rs. 1100 Per 500ml
7	Diphenyl amine indicator: Rs. 352 Per 250g
8	Ferroun Indicator: Rs. 440 Per 100ml
9	Folin- ciocalteu reagent : Rs. 270 Per 125ml
10	Gallic Acid : Rs. 616 Per 100; Rs. 2420 per 500g
11	Hydrogen peroxide 6%: Rs. 149 Per 1ltr Hydrogen peroxide 30%: Rs. 207 Per 500ml
12	Hydrochloric Acid: Rs. 121 Per 500ml; Rs. 540 Per 5lt
13	Methyl orange : Rs. 78 Per 125ml
14	Phenolphthalein Indicator: Rs. 86 Per 125ml
15	Potassium permanganate: Rs. 358 Per 500g
16	Sodium Carbonate: Rs. 190 Per 500g
17	Sulphuric Acid: Rs. 825 Per 5ltr
18	Potassium Hydroxide: Rs. 292 Per 500g
19	Polyvinylpyrrolidone: Rs 302 Per 100g
20	Isopropyl Alcohol: Rs. 224 Per 500ml; Rs. 880 Per 2.5lt
21	Toluene: Rs. 213 per 500ml;
22	250ml Standard flask Borosilicate Glass: Rs. 180 Per each

Rates are net and GST extra as applicable. Delivery/Auto charges extra @actuals

Thanking you and assuring you of our best services always

With kind regards

Essarkay

From: **ESSARKAY CHEMICALS** <[essarkaychem@gmail.com](mailto:essarkaychem@gmail.com)>  
Date: Thu, Oct 16, 2025 at 2:38 PM  
Subject: Re: Quotation  
To: HoD, Science & Humanities Department <[cec.firstyearbehod@gmail.com](mailto:cec.firstyearbehod@gmail.com)>

Dear Sir/Madam,

With reference to our quotation submitted, please find herewith the GST rates.

For all items, GST rate is @18% except

Ammonium Hydroxide: 5%

Ferroun Indicator: 5%

Phenolphthalein: 5%

Sulphuric acid: 5%

Methyl Orange: 5%

Folin-Ciocalteu reagent : 5%

many thanks and regards

Essarkay





# CANARA ENGINEERING COLLEGE

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SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL, MANGALURU - 574219



Department of Science and Humanities

From,

HOD  
Department of Science & Humanities  
CEC, Sudhindra Nagara, Benjanapadavu-574219

To,

The Principal,  
CEC, Sudhindra Nagara, Benjanapadavu-574219

Date: 23-10-2025

Through,

Dr. Nagesh Shenoy H  
Dean Administration  
CEC, Sudhindra Nagara, Benjanapadavu-574219

Respected sir,

Sub: Purchase of Consumables for CHEMISTRY laboratory - Reg.

The following items are required for the CHEMISTRY laboratory for the smooth conduction of experiments during the academic year 2025-26. I request you to make necessary arrangements for the procurement of the same. The List of Consumables / Chemicals required is as below. Kindly do the needful and oblige.

## ORDER TO ESSARKY CHEMICALS

CONSUMABLES / CHEMICALS						
Sl.No.	Item Name	Quantity (No)	Unit price (Rs)	Total Price (Rs)	GST (Rs)	Total Price with GST (Rs)
1	Chlorobenzene	500ml x 10=5lt	274 / 500ml	2,740.00	493.2 (18%)	3,233.20
2	Carbon Tetrachloride	500ml x 10=5lt	1100 /500ml	11,000.00	1980 (18%)	12,980.00
3	Ferroun Indicator l	100mlx 20= 2lt	440/100ml	8,800.00	440 (5%)	9,240.00
4	Folin- ciocalteu reagent	125mlx2=250ml	270 / 125ml	540.00	27 (5%)	567.00
5	Hydrogen peroxide 30%	500ml x 4=2lt	207/ 500ml	828.00	149.04 (18%)	977.04
6	Hydrochloric Acid	5lt x 4 = 20lt	540 /5lt	2,160.00	388.8 (18%)	2,548.80
7	Methyl orange	125mlx10=1.25lt	78 /125ml	780.00	39 (5%)	819.00
8	Potassium permanganate	500g x 2=1Kg	358 /500g	716.00	128.88 (18%)	844.88

9	Sodium Carbonate	500g x 2 = 1Kg	190/ 500g	380.00	68.4 (18%)	448.40
10	Sulphuric Acid	5lt x 6 = 30lt	825 / 5lt	4,950.00	247.5 (5%)	5,197.50
11	Potassium Hydroxide	500g x 2=1Kg	292 / 500g	584.00	105.12 (18%)	689.12
12	Toluene	500mlX10= 5lt	213/500ml	2,130.00	383.4 (18%)	2,513.40
13	250ml Standard flask	50no.	180/each	9,000.00	1620 (18%)	10,620.00
<b>Grand Total in Rs</b>						<b>50,678.34</b>

Enclosed:

1.Quotation

2.Comparative Statement

 23/10/2025

Dr. N. Satheesha Kumara

HOD, Science & Humanities