

**Department of Optoelectronics, University of Kerala, Kariavattom,
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OPTO/P-CHE-01/2020-21

Quotation Notice

Quotations are invited for the following chemicals (*Preferable make: Sigma- Aldrich, Alfa Aesar*) in the Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram for the implementation of project entitled "Investigations on Crystalline Nanowires".

SINo	Name of Chemicals	Formulae	Pack	Quantity
1	Hydrogen Tetraaurochlorate (III) hydrate	HAuCl ₄ .3H ₂ O	1g	4
2	Hydrogen tetrachloroaurate (III) solution	HAuCl ₄	1g	1
3	Silver Nitrate	AgNO ₃	25g	1
4	Silver Chloride	AgCl	5g	1
5	Sodium tetrachloropalladate(II)	Na ₂ PdCl ₄	1g	2
6	Copper(I) chloride	CuCl	100g	1
7	Ethylenediamine	C ₂ H ₈ N ₂	500mL	1
8	Polyvinylpyrrolidone MW : 40,000	(C ₆ H ₉ NO) _n	50g	1
9	Polyvinylpyrrolidone MW : 1,300,000	(C ₆ H ₉ NO) _n	50g	1
10	L ascorbic acid	C ₆ H ₈ O ₆	25g	1
11	Triton X-100		100ml	1
12	Ethanol		2.5L	2
13	Oleylamine		100g	2
14	Triisopropylsilane		10g	1
15	Hexane		2.5L	1
16	2-Mercaptobenzothiazole (MBT)	C ₇ H ₅ NS ₂	100g	1
17	2-naphthalenethiol	C ₁₀ H ₇ SH	5g	1
18	Acetic Acid	CH ₃ CO ₂ H	100ml	1
19	Formic Acid	HCOOH	100ml	1
20	3-mercaptopropionic acid	C ₃ H ₆ O ₂ S	100g	1
21	1-octadecene	CH ₃ (CH ₂) ₁₅ CH=CH ₂	250mL	1
22	Sulfuric Acid	H ₂ SO ₄	500ml	1
23	1,2-dichloropropane	CH ₃ CHClCH ₂ Cl	250ml	1
24	Diethylene Glycol	(HOCH ₂ CH ₂) ₂ O	250g	1
25	4-nitrophenol	O ₂ NC ₆ H ₄ OH	50g	1
26	Tris(trimethylsilyl)silane	[(CH ₃) ₃ Si] ₃ SiH	5g	1
27	Cetyltrimethylammonium chloride solution	CH ₃ (CH ₂) ₁₅ N(CH ₃) ₃ Cl	5g	1
28	PEDOT:PSS	[Poly(3,4ethylenedioxythiophene)-poly(styrenesulfonate)]	5g	1
29	Mercaptosuccinic acid		25 g	1
30	1-Dodecanethiol		500 ml	1
31	tert-Dodecylmercaptan		100 ml	1

32	Triphenylphosphine		25 g	1
33	1,3,4-Thiadiazole-2,5-dithiol	(C ₂ H ₂ N ₂ S ₃)	100 g	1
34	2-Amino-1,3,4-thiadiazole	(C ₂ H ₃ N ₃ S)	5 g	1
35	5-Methyl-1,3,4-thiadiazole-2-thiol	(C ₃ H ₄ N ₂ S ₂)	25 g	1
36	2-Amino-5-ethyl-1,3,4-thiadiazole	(C ₄ H ₇ N ₃ S)	5 g	1
37	2-Amino-5-phenyl-1,3,4-thiadiazole	(C ₈ H ₇ N ₃ S)	1g	1
38	2-Amino-5-(4-pyridinyl)-1,3,4-thiadiazole	(C ₇ H ₆ N ₄ S)	1 g	1
39	2-Amino-5-methyl-1,3,4-thiadiazole	(C ₃ H ₅ N ₃ S)	5 g	1
40	Bovine serum albumin Serum Albumin		50mL	1
41	5-Amino-1,3,4-thiadiazole-2-thiol	(C ₂ H ₃ N ₃ S ₂)	50g	1

The firms who wish to supply the items are requested to submit the quotation in sealed cover to the undersigned not later than 4:30pm on 11.02.2021. Quotations will be opened at 10:30am on next working day (12.02.2021) in the presence of the suppliers or their authorized agents.

22.01.2021



[Handwritten Signature]
 Professor & Head
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