

S/no ①

ACETONE

Specification No. IS:170

S.No.	Characteristics	Passing standard	Remarks
01.	Relative Density at 27/27 °C	0.784 to 0.786	-
02.	Distillation Range	Not less than 95% to distill within 1°C including 56.1°C	-
03.	Permanganate	To pass the test	-
04.	Alcoholic impurities	To pass the test	-

NOTE :- 250 ml of sample is required to be submitted along with the quotation otherwise the tenders are liable to be ignored.

BARIUM CHROMATE**Specification No. IND/ME/794(a)**

S.No.	Characteristics	Passing standard	Remarks
01.	Volatile matter percent	Max-0.1 %	-
02	Water solubility matter percent	Max-0.1%	-
03	Water soluble chloride calculated as cl %	Max. 0.05 %	-
04	Barium chromate content (%)	Min 98.5 %	-
05	Apparent density gm/ml	0.35 - 0.65	-
06	Mean diameter of Average particles	Max. 2 microns	-
07	Sieving requirements (Retained on 300 BSS)	Nil	-

NOTE :- 250 gm of sample is required to be submitted along with the quotation otherwise the tenders are liable to be ignored.

GUM ARABIC

Specification No. JSS 8040 -14

S.No.	Characteristics	Passing standard	Remarks
01.	Moisture content percent	Max - 16 %	-
02	Matter Insoluble in water (%)	Max- 0.3 %	-
03	Sulphate ASH percent	Max 5 %	-
04	Ash Insoluble in Aqua Regia	Max- 0.05 %	-
05	PH of 10 % Aquous solution	4.5 to 8	
06	Foreign Germs and Dextrin	Nil	

NOTE :- 250 gm of sample is required to be submitted along with the quotation otherwise the tenders are liable to be ignored.

MAGNESIUM OXIDE**SPECIFICATION No. IND/ME/337 (A)**

S.No.	Characteristics	Passing standard	Remarks
01.	Moisture and volatile matter percent at 110 ⁰ C for 2 hrs	Max- 0.5 %	-
02.	Loss on ignition at 600 ⁰ C- 700 ⁰ C for 01 hrs	Max- 2 %	-
03.	Chloride calculated as MgCl ₂ percent	Max - 1.3 %	-
04.	Magnesium Oxide content calculated as MgO %	Min - 92 %	-
05.	Sieving requirement	Pass through 100 BSS	-
06.	Matter insoluble in dil HCl	Max - 5 %	-
07.	Apparent density gm/ml	0.3 to 0.7 gm/ml	-

NOTE :- 250 gm of sample is required to be submitted alongwith the quotation otherwise the tenders are liable to be ignored.

POLYETHELENE GLYCOL

S.No.	Characteristics	Passing standard	Remarks
01.	Density gm/ml	01.124 to 1.126 gm/ml	-
02	PH of Aqueous solution	4.5 to 7	-
03.	Solubility in water	Completely soluble	-

NOTE :- 500 ml of sample is required to be submitted along with the quotation otherwise the tenders are liable to be ignored.

POTASSIUM NITRATE GRADE- IISPECIFICATION No - IS : 301

S.No.	Characteristics	Passing standard	Remarks
1.	Potassium Nitrate (%) by weight	Min - 98.75 %	-
2.	Moisture & volatile (%) by weight	Max - 0.2 %	-
3.	Matter insoluble in water, percent by weight	Max - 0.1 %	-
4.	Water insoluble organic matter, (%) by weight	Max - 0.02 %	-
5.	Matter insoluble in aqua regia(%) by weight	Max- 0.02 %	-
6.	Acidity	To pass test	-
7.	Alkalinity	-do-	-
8.	Chloride (KCl) percent by weight	Max - 0.15 %	-
9.	Sulphate (as K ₂ SO ₄) % by weight	Max - 0.1 %	-

NOTE :- 125 gm of sample is required to be submitted along with the quotation otherwise the tenders are liable to be ignored.

RESTRICTED
REQUIREMENTS FOR RECTIFIED SPIRIT

S.No	Characteristics	Requirement for Grade -1	Grade-2
1.	Specific gravity at 15.6 ^o /15.6 ^o C Max	0.8171	0.8171
2.	Ethanol content		
	a) Percent by volume at 15.6 ^o C Min	94.68	94.68
	b) Degrees overproof Min	66	66
3.	Miscibility with water	Miscible	Miscible
4.	Alkalinity	Nil	Nil
5.	Acidity (as CH ₃ COOH), percent by weight, Max	0.002	0.01
6.	Residue on evaporation percent by weight, Max	0.005	0.01
7.	Aldehyde content (as CH ₃ CHO), g per 100 ml, Max	0.006	0.10
8.	Ester content (as CH ₃ COOC ₂ H ₅) g per 100 ml, Max	0.02	
9.	Copper (as Cu), g per 100 ml, Max	0.0004	
10.	Lead (as Pb), g per 100 ml, Max	0.0001	
11.	Methyl alcohol content	To satisfy the requirement of the test.	
12.	Fuse oil content	-do-	
13.	Sulphur content	-do-	

NOTE: 250 gm of sample is required to be submitted alongwith the quotation otherwise the tenders are liable to be ignored.

- SPECIFICATION NUMBER :- IS 323 -1959
- BRAND NAME :-
- MARKET PRICE :-
- AMOUNT OF SAMPLE REQUIRED : 500 ml
- COST OF SAMPLE TO BE BORNE BY SUPPLIER/ INDENTOR
- TIME FOR SUPPLY OF PILOT SAMPLE :-

RESTRICTED