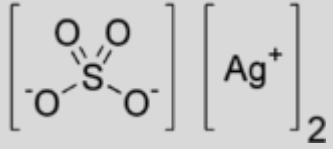


Silver Sulphate

I. Specifications & Characteristics:-

1. Chemical Structure	
2. IUPAC name	Silver Sulphate
3. CAS Number	10294-26-5
4. Chemical formula	Ag ₂ SO ₄
5. Molar Mass	311.799 gms/mol
6. Silver Content	69.19%
7. Appearance	White solid
8. Odour	Odourless
9. Form	Crystals / Grains



II. Typical Analysis:-

Type of Test	AR Grade		LR Grade	
	Specifications	Observed	Specifications	Observed
Assay (%)	99	>99.9	98.5	> 99
Insoluble matter & silver chloride	0.02(wt%)	< 0.01	0.02(wt%)	nil
Substances not precipitated by HCl	0.03(wt%)	≤ 0.01	0.03(wt%)	≤ 0.01
Solubility	33.3mg in 1ml nitric acid	pass	33.3mg in 1ml nitric acid	pass
Chloride (Cl)	0.001(wt%)	< 0.0009	0.002(wt%)	< 0.001
Nitrate (NO ₃)	0.00%	< 0.0005	0.00%	< 0.0009
Alkali & other metals	0.05(wt%)	< 0.01	0.05(wt%)	< 0.005
Bismuth(Bi)+Lead (Pb)	0.001(wt%)	≤ 0.0009	0.001(wt%)	< 0.0009
Copper (Cu)	0.0002(wt%)	< 0.1 ppm	0.0005(wt%)	< 0.1 ppm
Iron (Fe)	0.001(wt%)	< 0.1 ppm	0.005(wt%)	< 0.1 ppm

III. Grade / Denominations / Pack Size:-

Grade	Purity
Commercial Grade	> 98.00 %
Laboratory Grade (LR)	> 98.50 %
Analytical Grade (AR)	> 99.00 %

IV. Applications :-

- Used in Silver Plating,
- Non staining substitute for Silver Nitrate

V. Packaging: - 5 Kgs Plastic Container with black Bag & Seal

MODISON

THE SILVER PEOPLE

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