	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-S013	
SPECIFICATION : SILVER NITRATE AR					
Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 2

#### PRODUCT DETAILS

1	Molecular Formula	AgNO <sub>3</sub>
2	Product code	S013
3	Molecular weight	169.87
4	CAS No	7761-88-8
5	Risk Statement No	34-50/53-8
6	Safety Statement No	26-45-60-61
7	UN No.	UN1493




#### PACKING DETAILS

	Product code	Pack size
1	S01305	25g
2	S01307	100g
3	S01310	500g

#### PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Colourless crystals
2	Clarity	10% solution in water is clear and colourless.
3	Assay (dry basis)	Not less than 99.9%
4	pH (4% aqueous solution)	Between 5.4 and 6.4
5	Water insoluble matter	Not more than 0.003%
6	Alcohol insoluble matter	Passes test.
7	Chloride (Cl)	Not more than 0.0005%
8	Sulphate (SO <sub>4</sub> )	Not more than 0.0025%
9	Bismuth	Not more than 0.0005%
10	Calcium (Ca)	Not more than 0.001%
11	Copper (Cu)	Not more than 0.0002%
12	Iron (Fe)	Not more than 0.0002%
13	Lead (Pb)	Not more than 0.0005%
14	Magnesium (Mg)	Not more than 0.001%
15	Potassium (K)	Not more than 0.01%
16	Sodium (Na)	Not more than 0.002%
17	Substance not ppt. by HCl (as sulphate)	Not more than 0.05%

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### SAFETY SYMBOLS



Oxidizing



Corrosive



Dangerous for the  
environment