

CERTIFICATE OF ANALYSIS

Product Name	Silver Nitrate AR		
Synonyms	Silver Nitrate		
CAS No	7761-88-8		
Product code	SY00102	Batch No	LSIBF0811
Molecular Formula	AgNO ₃	Molecular Weight	169.87
Mfg. Date	Aug-26	Expiry Date	Jul-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	Colourless or white solid, may become brown in presence of impurities or light	White solid
Assay	99.90%	99.96%
Solubility	Soluble in water.	Complies
Clarity of solution	Passes test	Complies
Chloride (Cl)	NMT 5 PPM	3 PPM
Free acid	Passes test	Complies
Substances not precipitated by hydrochloric acid(HCl)	NMT 0.0%	0.006%
Sulphate (SO₄)	NMT 0.002%	0.0001%
Copper (Cu)	NMT 2 PPM	2 PPM
Iron (Fe)	NMT 2 PPM	2 PPM
Lead (Pb)	NMT 0.001%	0.001%

Approved by
Dr. Gopinath PH. D

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