

## Certificate of Analysis

Date of Testing: 2021-10-21 13:58:39  
Date of Next Testing: 2025-10-20 13:58:39  
Product Name: **Silver nitrate**  
CAS Number: 7761-88-8  
Specifications & Purity: ACS, ≥99.0%  
Lot #: J2119661  
SKU #: **S116266**  
**Analysis:** **044457**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Iron(Fe)	0-2 (ppm)	1.00 ppm
Copper(Cu)	0-2 (ppm)	0.58 ppm
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Substances not precipitated by hydrochloric acid	0-0.1 (%)	0.10 %
Lead(Pb)	0-0.001 (%)	0.00 %
Purity(Titration by KSCN)	98.5-101.5 (%)	99.00 %
Chloride (Cl-)	0-5 (ppm)	3.00 ppm
Appearance (S116266)	White crystals	White crystals
Clarity of solution	pass	Pass
Free acids	pass	Pass
ICP:Confirms Silver Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager