



Specification

Silver Nitrate ACS

Catalog Number: SN1003
CAS Number: 7761-88-8
Molecular Formula: AgNO_3
Molecular Weight: 169.87
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	$\geq 99.0\%$
Metal Content	63.5% (theoretical)
Clarity of Solution	Passes test
Free Acid	Passes test
Cadmium	$\leq 5\text{ppm}$
Copper	$\leq 2\text{ppm}$
Gold	$\leq 5\text{ppm}$
Iron	$\leq 2\text{ppm}$
Lead	$\leq 10\text{ppm}$
Tin	$\leq 5\text{ppm}$
Zinc	$\leq 5\text{ppm}$
Sulfate	$\leq 20\text{ppm}$
Chloride	$\leq 5\text{ppm}$
SNP ¹	$\leq 100\text{ppm}$
Total Impurities	$\leq 100\text{ppm}$

¹SNP – Substances Not Precipitated by HCl.

Approved:

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Date: September 24, 2018