



Certificate of Analysis

Silver Nitrate ACS

Catalog Number: SN1003
Lot Number: 0813801
CAS Number: 7761-88-8
Molecular Formula: AgNO_3
Molecular Weight: 169.87
Storage: 15°C – 30°C
Date of Manufacture: August 7, 2018
Retest Date: August 6, 2023

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	$\geq 99.0\%$	$> 99.99\%$
Metal Content	63.5% (theoretical)	63.4% (actual)
Clarity of Solution	Passes test	Conforms
Free Acid	Passes test	Conforms
Cadmium	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Copper	$\leq 2\text{ppm}$	$< 2\text{ppm}$
Gold	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Iron	$\leq 2\text{ppm}$	$< 2\text{ppm}$
Lead	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Tin	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Zinc	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Sulfate	$\leq 20\text{ppm}$	$< 20\text{ppm}$
Chloride	$\leq 5\text{ppm}$	$< 5\text{ppm}$
SNP ³	$\leq 100\text{ppm}$	2ppm
Total Impurities	$\leq 100\text{ppm}$	$< 100\text{ppm}$

³ SNP – Substances Not Precipitated by HCl.

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: August 13, 2018