



## CERTIFICATE OF ANALYSIS

<b>Product Number</b>	4100261
<b>Product Name</b>	SILVER NITRATE
<b>Lot number</b>	286199
<b>CAS Number</b>	7761-88-8
<b>Grade</b>	EXTRA PURE
<b>Molecular Formula</b>	AgNO <sub>3</sub>
<b>Molecular Weight</b>	169.87
<b>Test date (MM.DD.YYYY):</b>	09/25/2012
<b>Shelf life (MM.DD.YYYY):</b>	09/24/2015

TESTS	SPECIFICATION	RESULT
ASSAY	MIN. 99.5%	99.8%
IDENTIFICATION	PASSES TEST	PASSES TEST
APPEARANCE OF SOLUTION	PASSES TEST	PASSES TEST
ACIDITY/ALKALINITY	PASSES TEST	PASSES TEST
CHLORIDE (Cl)	MAX. 0.1%	0.001%
SULFATES (SO <sub>4</sub> )	MAX. 0.01%	0.004%
ALUMINIUM, LEAD, COPPER AND BISMUTH	PASSES TEST	PASSES TEST
COPPER (Cu)	MAX. 0.01%	0.001%
IRON (Fe)	MAX. 0.005%	0.001%
LEAD (Pb)	MAX. 0.0005%	0.0004%
MANGANESE(Mn)	MAX. 0.002%	0.001%
FOREIGN SALTS	N/A	0.00%
NON PRECIPITABLE W/ HCl (AS SO <sub>4</sub> )	PASSES TEST	PASSES TEST
INSOLUBLE MATTERS	MAX. 0.02%	0.002%
	MAX. 0.01%	0.005%

Stamp



Signature

Jim Wilks  
Technical Director