

Specification

Technical Data Sheet

CAS

7761-88-8

STORAGE

Ambient

MOLECULAR WEIGHT

169.87

PRODUCT

Silver Nitrate 99.9%

Product number 90029344

CAS number 7761-88-8

Molecular formula AgNO₃

Molecular weight 169.87 g/mol

PARAMETER

SPECIFICATION

Appearance

White crystals

pH

3.6 - 6.0

Cadmium (Cd)

≤100 ng/g

Chloride (Cl-)

≤ 10µg/g

Gold (Au)

≤5 ng/g

Heavy Metals (Pb)

≤200 ng/g

Humidity

≤ 0.1%

Iridium (Ir)

≤3 ng/g

Iron (Fe)

≤400 ng/g

Nitrite

≤ 1.0%

Palladium (Pd)

≤5 ng/g

Platinum (Pt)

≤5 ng/g

Rhodium (Rh)

≤3 ng/g

Ruthenium (Ru)

≤3 ng/g

Tellurium (Te)

≤350 ng/g

Theoretical Purity

≥ 99.9% (Ag content/ Theoretical maximum x 100)

PARAMETER	SPECIFICATION
Antimony (Sb)	≤100 ng/g
Bismuth (Bi)	≤100 ng/g
Calcium (Ca)	≤5 µg/g
Chromium (Cr)	≤200 ng/g
Copper (Cu)	≤100 ng/g
Manganese (Mn)	≤100 ng/g
Nickel (Ni)	≤100 ng/g
Potassium (K)	≤5 µg/g
Selenium (Se)	≤100 ng/g
Silver (Ag)	≥ 63.43%
Sodium (Na)	≤10 µg/g
Tin (Sn)	≤100 ng/g
Zinc (Zn)	≤100 ng/g

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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