

TECHNICAL DATA SHEET

Silver Nitrate | CAS 7761-88-8

1. Product Identification

Product Name	Silver Nitrate
CAS Number	7761-88-8
Synonyms	Lunar caustic, AgNO ₃ , Silver(I) nitrate
Category	Lab Reagent
Available Grades	LR Grade/AR Grade/Technical
HSN Code	2843.29
UN Number	UN1493

2. Physical & Chemical Properties

Molecular Formula	AgNO ₃
Molecular Weight	169.87
Appearance	Colourless to white crystalline solid
Density	4350 kg/m ³
Boiling Point	N/A (d 440°C)
Melting Point	212°C
Flash Point	None
Solubility	250g/100ml water

3. Applications

• Analytical gravimetry • Photography • Silver plating • Antimicrobial agent • Staining histology • Chloride determination

4. Industries Served

Research Laboratories, Photography, Healthcare, Analytical

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.