



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**91233 - Silver Nitrate for tissue culture, 99.5% -
[7761-88-8]**

Batch No

4659775

Analysis Date

13-Oct-2022

Date of Manufacture

October 2022

Expiry Date/Re-Test Date

October 2027

Molecular Formula

AgNO₃

Molecular Weight

169.87

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (T)	min. 99.5%	99.9%
Free acid	Passes test	Passes
Chloride (Cl)	max. 0.0005%	Passes
Substances not precipitated by HCl	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.0025%	Passes
Iron (Fe)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Lead (Pb)	max. 0.001%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.002%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/91233 Rev No. 2 Date 25/04/2022

Prepared by PPatil

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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