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## Certificate of Analysis

**Product** **65553 - Ammonium Persulphate (APS) for molecular biology, 99% - [7727-54-0]**

**Batch No** **3632336**

**Analysis Date** 26-May-2024

**Date of Manufacture** May 2024

**Expiry Date/Re-Test Date** May 2029

**Molecular Formula** N<sub>2</sub>H<sub>8</sub>S<sub>2</sub>O<sub>8</sub>

**Molecular Weight** 228.20

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Iodometric)	min. 99%	99.6%
Acidity (H <sub>2</sub> SO <sub>4</sub> )	max. 0.2%	0.1%
Sulphated Ash	max. 0.05%	0.02%
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Manganese (Mn)	max. 0.0005%	Passes
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/65553 Rev No. 2 Date 04/07/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

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