

CERTIFICATE OF ANALYSIS

Product Name	AMMONIUM PERSULPHATE 98% MOLECULAR BIOLOGY		
CAS No.	7727-54-0	Code No.	00228
Batch No.	CS07256432	Date of Analysis	06/07/2025
Mfg. Date	July-2025	Mol.Weight (g/mol)	228.19
Expiry Date	June-2030	Mol. Formula	(NH ₄) ₂ S ₂ O ₈

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	Min 98.0%	98.65%
3	DNAase/RNAase/Proteases	Not detected	Not detected
4	Solubility (in water; 20°C)	582 g/l (H ₂ O)	Passes test
5	Free acid	Max 0.1%	0.02%
6	Melting point	Approx.120 deg C	120.9 deg C
7	pH (5% solution in water; 20°C)	3 - 4	3.52
8	Residue on ignition	Max 0.05%	0.006%
9	Chlorate (ClO ₃)	Max 0.001%	0.0003%
10	Chloride (Cl)	Max 0.001%	0.0004%
11	Iron (Fe)	Max 0.001%	0.0003%
12	Manganese (Mn)	Max 0.00005%	0.000032%
13	Lead (Pb)	Max 0.005%	0.0006%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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CSPL/QC/F/04