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### CERTIFICATE OF ANALYSIS

PRODUCT NAME: AMMONIUM PERSULPHATE

Items	Specifications	
	Specification	Results
Appearance	White crystal powder	White crystalline powder
Assay (NH <sub>4</sub> ) <sub>2</sub> S <sub>2</sub> O <sub>8</sub> )	≥98.5%	98.9%
Heavy metal (as Pb)	≤ 0.0005%	0.0002
Iron (Fe)	≤ 0.0005%	0.0002
Manganese (Mn)	≤ 0.00005%	0.00001
Residue after ignition	≤ 0.02%	0.02
Free acid (as H <sub>2</sub> SO <sub>4</sub> )	≤0.10%	0.01
Active oxygen	≥6.90%	6.94
Moisture	≤0.10%	0.06