

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Ammonium Ceric Sulphate
2. Alternative Names	Cerium (IV) Ammonium Sulphate
3. CAS Number	10378-47-9
4. Formula	$(\text{NH}_4)_4\text{Ce}(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}$
5. Mol Weight	632.55
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	June-2024

Test Parameters	Standards	Actual Results
Appearance (Colour)	Orange to Orange yellow	Orange yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in hot 5N H2SO4	Clear	Clear
Solubility (Colour) 10% solution in hot 5N H2SO4	Orange yellow	Orange yellow
Assay (Iodometric)	min. 99%	99.50%
Insoluble matter	max. 0.05%	0.00%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Phosphate (PO4)	max. 0.005%	Passes
Copper (Cu)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Potassium (K)	max. 0.005%	Passes
Calcium (Ca)	max. 0.001%	Passes