

Code No.03-0817

SPECIFICATION

Ammonium Cerium(IV) Sulfate Dihydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Yellow ~ reddish yellow, crystals ~ powder
Assay $[\text{Ce}(\text{NH}_4)_4(\text{SO}_4)_4 \cdot 2\text{H}_2\text{O}]$	min.99.0%(mass/mass)
Solubility in dil.sulfuric acid	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO ₄)	max.0.005%(mass/mass)
Sodium (Na)	max.0.05%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)

JIS K 8977 : 2020(*:Additional test performed by Wako but not required by JIS)