

Certificate of Analysis

Product : Mercury (II) Sulfate
 Meets ACS specifications
CAS # 7783-35-9
CHEMICAL FORMULA : HgSO₄

Product Code : CP-J2166D
Lot: 2024CP07091400678
Density: 6.47 g/mL
F.W. 296.65 g/mol

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance - Color	Powder or crystals		Powder	n/a
Appearance - Form	White		White	
Assay by titration	98		99.1	%
Related Substances - Mercury (I)		0.15	0.02	%
Chloride (Cl ⁻)		≤30	<30	ppm
Nitrate (NO ₃ ⁻)		≤10	<10	ppm
Iron (Fe)		≤ 0.005	<0.005	%
Solubility in water				
decomposition in water	basic salt and sulfuric acid		Conforms	n/a
Residue on Ignition		≤0.02	0.01	%
Storage	Store at room temperature			

J = 100g

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