

Certificate of Analysis

Product : Potassium Hydroxide, 500 grams
 Meets ACS specifications
 CAS # 1310-58-3
 CHEMICAL FORMULA : KOH

Product Code : CP-A1909D
 Lot: 12812259CP
 Density: 2.12 g/mL
 F.W. 56.11

Test	Unit	Specifications	Test Value
Appearance		White to Off-white pellets	Passed
Assay	%	min. 85.0	86.80
Solubility (100 mg/mL in water)		clear and colorless	Passed
Potassium Carbonate (K ₂ CO ₃)	%	max. 2.0	0.38
Chloride (Cl ⁻)	%	max. 0.01	0.0005
Nitrogen compounds	%	max. 0.001	< 0.001
Phosphate (PO ₄ ³⁻)	%	max. 0.0005	<0.0001
Sulfate (SO ₄ ²⁻)	%	max. 0.003	0.0005
Heavy metals as Ag	%	max. 0.003	0.0002
Iron (Fe)	%	max. 0.001	0.00003
Nickel (Ni)	%	max. 0.001	< 0.001
Calcium (Ca)	%	max. 0.005	0.0000015
Magnesium (Mg)	%	max. 0.002	0.00002
Sodium (Na)	%	max. 0.05	0.015
BSE / TSE Free		BSE/TSE Free	Passed
Country of Origin		China	

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