

Certificate of Analysis

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

Product Code : CP-A1909D
Lot: 7144CP7777
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	87.0
Solubility (100 mg/mL in water)		clear and colorless	Passed
Potassium Carbonate (K ₂ CO ₃)	%	max. 2.0	< 2.0
Chloride (Cl ⁻)	%	max. 0.01	< 0.01
Nitrogen compounds	%	max. 0.001	< 0.001
Phosphate (PO ₄ ³⁻)	%	max. 0.0005	<0.0005
Sulfate (SO ₄ ²⁻)	%	max. 0.003	<0.003
Heavy metals as Ag	%	max. 0.003	<0.001
Iron (Fe)	%	max. 0.001	<0.001
Nickel (Ni)	%	max. 0.001	< 0.001
Calcium (Ca)	%	max. 0.005	<0.005
Magnesium (Mg)	%	max. 0.002	<0.002
Sodium (Na)	%	max. 0.05	<0.05
BSE / TSE Free		BSE/TSE Free	Passed
Country of Origin		China	
QC Test/ Release Date		2025-September-12	
Suggested Retest Date		2030-September-11	

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