

Certificate of Analysis

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

Product Code : CP-A1909D
 Lot: 12812297CP
 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	
QC Test/ Release Date		2022-Nov-15	
Suggested Retest Date		2027-April-30	

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.