



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-A1909D  
Lot #: 2021012528

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Potassium Hydroxide**  
Pellet, ACS

F.W.: 56.1100

CHEMICAL FORMULA: KOH

CAS No: 1310-58-3

Density: 2.0400

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (KOH)	85% min.	88%
Potassium Carbonate (K <sub>2</sub> CO <sub>3</sub> )	2.0% max.	0.8%
Chloride (Cl)	0.01% max.	<0.01%
Calcium (Ca)	0.005% max.	<0.005%
Heavy metals (by ICP-OES)	0.001% max.	<0.001%
Iron (Fe)	0.001% max.	<0.001%
Magnesium (Mg)	0.002% max.	<0.002%
Nickel (Ni)	0.001% max.	<0.001%
Nitrogen Compounds (as N)	0.001% max.	<0.001%
Phosphate (PO <sub>4</sub> )	5 ppm max.	<5 ppm
Sodium (Na)	0.05% max.	<0.05%
Sulfate (SO <sub>4</sub> )	0.003% max.	<0.003%
Date of Manufacture	Record Actual	11/01/2020
Expiration Date	Record Actual	11/01/2023
REMARKS		

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