



**ChemPure\* Brand  
Chemicals**

Product Code: CP-E4258  
Lot #: 2016080311

## Certificate Of Analysis

...Pure Quality

Chemical Name: **Potassium Hydroxide, 45%**

High Purity Reagent Plus

Chemical Formula: KOH

F.W.: 56.1100

CAS: 1310-58-3

Density: 1.4600 kg/L

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.003% max.	0.002%
Heavy metals (as Ag)	5 ppm max.	<1 ppm
Ammonium hydroxide precipitate	0.005% max.	0.001%
Iron (Fe)	2 ppm max.	0.02 ppm
Nickel (Ni)	5 ppm max.	<0.1 ppm
Nitrogen Compounds (as N)	5 ppm max.	0.2 ppm
Phosphate (PO4)	2 ppm max.	<1 ppm
Potassium Carbonate (K2CO3)	0.2% max.	0.02%
Release Date	Record Actual	08/09/2016
Sodium (Na)	0.02% max.	0.01%
Sulfate (SO4)	0.001% max.	0.0001%
Assay (KOH)	45.0% min.	46.1%

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

Kevin Hansen  
Quality Assurance Manager

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.