



**ChemPure* Brand
Chemicals**

Product Code: CP-E4258
Lot #: 2016082261

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.	0.03 ppm
Nickel (Ni)	5 ppm max.	<0.1 ppm
Nitrogen Compounds (as N)	5 ppm max.	0.3 ppm
Phosphate (PO ₄)	2 ppm max.	<1 ppm
Potassium Carbonate (K ₂ CO ₃)	0.2% max.	0.02%
Release Date	Record Actual	08/25/2016
Sodium (Na)	0.02% max.	0.01%
Sulfate (SO ₄)	0.001% max.	0.00008%
Assay (KOH)	45.0% min.	45.8%

Remarks:

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

Kevin Hansen
Quality Assurance Manager

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