



### Certificate of Analysis

**Product: Potassium Hydroxide, 45% Solution**

**Item Number: C6427**

**Grade: Reagent**

**Lot Number: PO86348**

**Manufacture Date: 08/10/2022**

**Expiration Date: 08/09/2025**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Colorless liquid	Conforms
Assay (vs. Sulfuric Acid/Phenolphthalein)	Min 45.0% (w/w)	45.01
Chloride (Cl)	Max 0.003%	<0.003
Heavy Metals (as Ag)	Max 5 ppm	Conforms
Iron (Fe)	Max 2 ppm	1
Nickel	Max 5 ppm	2
Nitrogen Compounds (as N)	Max 5 ppm	5
Phosphate	Max 2 ppm	<2
Potassium Carbonate	Max 0.2%	0.1
Sodium (Na)	Max 0.2%	0.17
Sulfate	Max 0.001%	<0.001

Recommended Storage: 15°C - 30°C (59°F - 86°F)

#### [Potassium Hydroxide, 45% Solution](#)

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