

Potassium Hydroxide, Pellets AR Grade
Synonym: Caustic Potash, Potassium Hydrate

Typical Parameters:

Molecular Formula	KOH
Molecular Weight	56.1
CAS Number	1310-58-3
Density	2.044 gm/cm ³
Melting Range	420 °C
Solubility in water	110 g/100 ml at 25 °C



Quality Specifications:

Physical State and Appearance	White Hygroscopic Powder
Assay:	98.0%
Trace Metal Impurities	Limits (Max)
<i>Aluminum (Al)</i>	10 ppm
<i>Ammonium (NH₄)</i>	10 ppm
<i>Arsenic (As)</i>	0.0 ppm
<i>Carbonate (K₂CO₃)</i>	2.0%
<i>Chloride (Cl)</i>	20.0 ppm
<i>Calcium (Ca)</i>	30.0 ppm
<i>Copper (Cu)</i>	10.0 ppm
<i>Iron (Fe)</i>	10.0 ppm
<i>Lead (Pb)</i>	10.0 ppm
<i>Nitrate (NO₃)</i>	10.0 ppm
<i>Nickel (Ni)</i>	10.0 ppm
<i>Phosphate (PO₄)</i>	10.0 ppm
<i>Silicate (SiO₂)</i>	50 ppm
<i>Sodium (Na)</i>	200.0 ppm
<i>Water Insoluble Matter</i>	100.0 ppm



Availability: 25 Kg in fiber drums

Freight Classification: Not regulated

Storage Keep in a tightly closed container. Store in a cool, dry, ventilated area.

⁽¹⁾**Disposal:** Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or email: nicg@nugentec.com.