

Specification

Technical Data Sheet

Product Name	Potassium hydroxide pellets 85% Ph. Eur, BP, USP, NF, FCC
Product No	90029587
CAS Number	1310-58-3
Storage Temperature	Ambient
Molecular Weight	56.11
	Specification
Appearance	Pellets
Alkalinity as Potassium hydroxide (KOH)	$\geq 85.00\%$
Cadmium as Cd	$\leq 0.1\text{mg/kg}$
Carbonate as potassium carbonate (K₂CO₃)	$\leq 0.5\%$
Chloride (Cl)	$\leq 50\text{mg/kg}$
Fluoride (F)	$\leq 2\text{mg/kg}$

Specification

Heavy Metals (Pb)	≤ 2mg/kg
Iron (Fe)	≤ 5mg/kg
Silica (SiO₂)	≤ 2mg/kg
Sodium as sodium hydroxide (NaOH)	≤ 1.00%
Sulfate (SO₄)	≤ 5mg/kg
Total nitrogen (N)	≤ 5mg/kg
Aluminum (Al)	≤ 1mg/kg
Antimony (Sb)	≤ 0.05mg/kg
Arsenic (As)	≤ 0.1mg/kg
Bismuth (Bi)	≤ 0.05mg/kg
Calcium (Ca)	≤ 5mg/kg
Cobalt (Co)	≤ 0.2mg/kg
Copper (Cu)	≤ 0.1mg/kg
Lead (Pb)	≤ 0.1mg/kg
Magnesium (Mg)	≤ 1mg/kg
Manganese (Mn)	≤ 1mg/kg
Mercury (Hg)	≤ 2μg/kg
Molybdenum (Mo)	≤ 0.2mg/kg
Nickel (Ni)	≤ 10mg/kg

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Phosphate (PO4) \leq 5mg/kg

Strontium (Sr) \leq 1mg/kg
