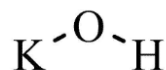


Product Information

POTASSIUM HYDROXIDE PELLETS 85 % AR

Potassium hydrate, Caustic potash



Product Code	O-5151	Grade	Analytical Reagent
Purity	85 %	CAS No	1310-58-3
Molecular Formula	KOH	Molecular Weight	56.11 g/mol
H.S.Code	2815.2000	Shelf Life	60 Months

Physical Properties

Physical state	Pellets	Melting point	361 °C
Colour	colourless	Relative density	2,04 g/cm ³ at 20 °C
pH value	13,5 at 5,6 g/l at 25 °C	Boliling point	1.327 °C at 1.013 hPa
Solubility in water	1.130 g/l at 20 °C		

Packaging

500 gram

Specification

Appearance	White deliquescent pellets
Assay (acidimetric, KOH)	85.0 - 100.5 %
Identification	passes test
Appearance of solution	passes test
Carbonate (as K ₂ CO ₃)	max 1.0 %
Chloride (Cl)	max 0.005 %
Sulphate (SO ₄)	max 0.003 %
Phosphate (PO ₄)	max 0.0005 %
Total nitrogen (N)	max 0.001 %
Heavy metals (as Pb)	max 0.001 %
Iron (Fe)	max 0.001 %
Nickel (Ni)	max 0.001 %
Sodium (Na)	max 0.5 %
Calcium (Ca)	max 0.005 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07

Signal Word: Danger

UN No.: 1813

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H290, H302, H314

Precaution Statement: P234-P260-P280-P301+P312-P303+P361+P353-P305+P351+P338