

PRODUCT IDENTITY

PRODUCT NAME	Potassium hydroxide	PRODUCT NUMBER	P112285
Grades & Purity	ACS	VERSION	3
CAS NUMBER	1310-58-3	FORMULA	KOH
FORMULA WEIGHT	56.11g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Heavy metal (as Pb)	0-0.001 (%)
Assay	85-100 (%)
Magnesium(Mg)	0-0.002 (%)
Phospate(PO4)	0-5 (ppm)
Iron(Fe)	0-0.001 (%)
Nitrogen by Elemental Analysis	0-0.001 (%)
Sulfate(SO42-)	0-0.003 (%)
Nickel(Ni)	0-0.001 (%)
Calcium (Ca)	0-0.005 (µg/mg)
Sodium(Na)	0-0.05 (%)

PARAMETER	SPECIFICATION / LIMIT
X-Ray Diffraction	Conforms to Structure
Potassium Carbonate(K ₂ CO ₃)	0-2 (%)
Chloride (Cl ⁻)	0-0.01 (%)