



### SPECIFICATION SHEET

**Product Name** : Potassium hydroxide, Pellets Ph.Eur, BP, JP, NF, FCC, E 525  
**Product Number** : 960.083  
**Brand** : ISOLAB  
**CAS Number** : 1310-58-3  
**Formula** : KOH  
**Formula Weight** : 56.11 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (KOH)	≥ 85.0 %	%
Identity	passes test	
Appearance of solution	passes test	
Insoluble substance	≤ 0.01 %	%
Carbonate (as K <sub>2</sub> CO <sub>3</sub> )	≤ 1.0 %	%
Chloride (Cl)	≤ 0.004 %	%
Phosphate (PO <sub>4</sub> )	≤ 0.0005 %	%
Silicate (SiO <sub>2</sub> )	≤ 0.005 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.003 %	%
Nitrate	≤ 0.001 %	%
Total nitrogen (N)	≤ 0.0005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Al (Aluminium)	≤ 0.001 %	%
Ammonium (NH <sub>3</sub> )	≤ 0.0005 %	%
Arsenic (As)	≤ 0.0001 %	%
Ca (Calcium)	≤ 0.002 %	%
Cu (Copper)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.0005 %	%
Hg (Mercury)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.0005 %	%
Na (Sodium)	≤ 1.0 %	%
Ni (Nickel)	≤ 0.001 %	%
Pb (Lead)	≤ 0.0005 %	%
Zn (Zinc)	≤ 0.001 %	%

Quality Management  
Isolab Laborgerate GmbH

