



SPECIFICATION SHEET

Product Name	:	Potassium carbonate, For analysis ACS, ISO, Reag. Ph Eur
Product Number	:	960.026
Brand	:	ISOLAB
CAS Number	:	584-08-7
Formula	:	K_2CO_3
Formula Weight	:	138.21 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acidimetric; calc. on dried substance)	≥ 99.0 %	%
Assay (acidimetric)	≥ 99.0 %	%
Insoluble matter	≤ 0.005 %	%
Chloride (Cl)	≤ 0.003 %	%
Phosphate (PO_4)	≤ 0.001 %	%
Silicate (SiO_2)	≤ 0.005 %	%
Total sulfur (as sulphate)	≤ 0.003 %	%
Total nitrogen (N)	≤ 0.001 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Ca (Calcium)	≤ 0.002 %	%
Cu (Copper)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.0005 %	%
Mg (Magnesium)	≤ 0.001 %	%
Na (Sodium)	≤ 0.02 %	%
Pb (Lead)	≤ 0.0005 %	%
Substances precipitated by ammonia	≤ 0.01 %	%
Loss on drying (300 °C)	≤ 1.0 %	%

Quality Management
Isolab Laborgerate GmbH

