SPECIFICATION SHEET

Product Name	:	Potassium nitrate,Ph Eur,BP,USP,FCC,E 252
Product Number	:	960.113
Brand	:	ISOLAB
CAS Number	:	7757-79-1
Formula	:	KNO_3
Formula Weight	:	101.10 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (alkalimetric)	**≥ 99.0 %**	%
Assay (alkalimetric, calc. on dried substance)	**99.0 – 100.5 %**	%
Identity	**passes test**	
Appearance of solution	**passes test**	
Acidity or alkalinity	**passes test**	
pH-value (5%; water)	**5.0 - 7.5**	
Chloride (Cl)	**≤ 0.001 %**	%
Chlorate and Perchlorate (as Cl)	**passes test**	
Nitrite (NO_2)	**≤ 0.0005 %**	%
Sulphate (SO_4)	**≤ 0.01 %**	%
Heavy metals (as Pb)	**≤ 0.001 %**	%
Al (Aluminium)	**≤ 0.0001 %**	%
As (Arsenic)	**≤ 0.0002 %**	%
Ca (Calcium)	**≤ 0.005 %**	%
Cu (Copper)	**≤ 0.001 %**	%
Fe (Iron)	**≤ 0.001 %**	%
Mg (Magnesium)	**≤ 0.001 %**	%
Na (Sodium)	**≤ 0.1 %**	%
NH_4 (Ammonium)	**≤ 0.004 %**	%
Hg (Mercury)	**≤ 0.0001 %**	%
Pb (Lead)	**≤ 0.0002 %**	%
Zn (Zinc)	**≤ 0.001 %**	%
Reductive substances	**passes test**	
Loss on drying (105 °C)	**≤ 0.5 %**	%

Quality Management
Isolab Laborgerate GmbH