

**SPECIFICATION SHEET**

**Product Name** : Potassium nitrate, for analysis ISO, Reag. Ph Eur.  
**Product Number** : 960.116  
**Brand** : ISOLAB  
**CAS Number** : 7757-79-1  
**Formula** :  $\text{KNO}_3$   
**Formula Weight** : 101.10 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (alkalimetric)	$\geq 99.0 \%$	%
pH-value (5%; water)	5.0 - 7.5	
Chloride (Cl)	$\leq 0.001 \%$	%
Iodate ( $\text{IO}_3$ )	$\leq 0.0005 \%$	%
Nitrite ( $\text{NO}_2$ )	$\leq 0.0005 \%$	%
Phosphate ( $\text{PO}_4$ )	$\leq 0.0005 \%$	%
Sulphate ( $\text{SO}_4$ )	$\leq 0.003 \%$	%
Heavy metals (as Pb)	$\leq 0.0005 \%$	%
Ca (Calcium)	$\leq 0.001 \%$	%
Cu (Copper)	$\leq 0.0001 \%$	%
Fe (Iron)	$\leq 0.0003 \%$	%
Mg (Magnesium)	$\leq 0.0015 \%$	%
Na (Sodium)	$\leq 0.02 \%$	%
$\text{NH}_4$ (Ammonium)	$\leq 0.001 \%$	%
Pb (Lead)	$\leq 0.0002 \%$	%

Quality Management  
Isolab Laborgerate GmbH

