



Potassium Nitrate 13-0-46

SPECIFICATION DATA SHEET			
Test	Units	Specification	Typical
Appearance		White crystalline powder free flowing	
Purity	%	≥99.0	99.26
Total Nitrogen (N)	%	≥13.0	13.77
Potassium Oxide (K ₂ O) soluble in water	%	≥45.3	46.24
Potassium (K) soluble in water	%	≥37.6	38.39
Chloride (Cl)	%	≤0.2	0.04
Moisture (H ₂ O @ 131C)	%	≤0.07	0.03
Sulphur (S)	%	≤0.2	0.10
Iron (Fe)	mg/kg	<1	<1

Heavy Metal Analysis			
Metal	ppm	Metal	ppm
Cd	<2	As	<2
Al	<1	Sb	<1
Fe	<1	Sn	<1
Cu	<1	Ti	<1
Zn	<1	Mn	<1
Ni	<1	Cr	<1
Hg	<0.1	Pb	<5