



CLEVELAND POTASH

PRODUCT SPECIFICATION

PRODUCT	GRADE
Potassium Chloride	Granular

Chemical Analysis	Typical Percent	Specification
KCl	95.1	95.0 minimum
K ₂ O	60.1	60.0 minimum
NaCl	3.7	
H ₂ O	0.1	0.2 maximum

Particle size distribution	Typical % retained	% Range
Mesh size (mm)		
+5.60	0.2	1 max
+4.00	10.5	5 – 18
+2.80	61.8	50 – 80
+2.36	83.8	75 – 95
+2.00	93.6	91 – 99
+1.18	99.6	99 minimum

Physical & Chemical properties	
Bulk Density	1.04 T/m ³
Angle of repose	34°

Reagent Addition	Typical
Coating Oils	500 g/T at Mine site
Coating Oils	1300 g/T at Teesport

This product is intended for use as a source of potassium in fertiliser applications.

Trace Elements	Typical (ppm)	Typical variation
Cadmium (Cd)	<0.010	<0.010 – 0.121
Mercury (Hg)	0.018	0.003 – 0.043
Copper (Cu)	5.32	1.69 – 35.10
Nickel (Ni)	1.42	0.31 – 4.60
Zinc (Zn)	3.00	0.45 – 7.70
Chromium (Cr)	1.78	0.13 – 6.09
Lead (Pb)	1.07	0.57 – 1.90
Arsenic (As)	0.89	0.02 – 2.55
Vanadium (V)	<0.20	<0.20 – 0.70
Boron (B)	314.00	21.00 – 667.00

All data given is derived from current production figures & will be updated periodically.
Users should be aware that this product may not be suitable for applications outside its intended purpose & guidance is available on request.

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Uncontrolled Copy Page 1 of 1