

Potassium Chloride Treated Soluble

Appearance **White Crystalline Powder**

PROPERTIES	Specification	Typical
Assay (KCl)	95.0% min	97.3%
Potassium Oxide Equiv. K ₂ O	60.0% min	61.5%
Sodium Chloride NaCl	4.0% max	2.3%
Moisture	0.20% max	0.10%
Anti-caking Agent - Sepiolite (Feed Grade)		1.00%
Bulk density	1.05mt/m ³	
Angle of repose	32 ^o	

TYPICAL MESH ANALYSIS

SIEVE SIZE (mm)	TYPICAL % RETAINED	% RANGE
+1.18 (1180 µm)	1	0 - 2
+0.85 (850 µm)	2	1 - 5
+0.60 (600 µm)	8	2 - 20
+0.42 (420 µm)	22	15 - 55
+0.21 (210 µm)	78	70 - 85
+0.10 (100 µm)	98	95 – 99

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Important Note: The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.

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TRACE ELEMENTS

ELEMENT	TYPICAL (ppm)	TYPICAL VARIATION
Magnesium (Mg)	124.00	49 - 262
Calcium (Ca)	187.00	80 - 303
Iron (Fe)	40.00	6 - 180
Aluminium (Al)	11.37	1 - 85
Cadmium (Cd)	<0.010	<0.010 - 0.117
Mercury (Hg)	<0.001	<0.001 – 0.014
Copper (Cu)	<0.10	<0.10 – 1.69
Nickel (Ni)	2.64	0.35 – 612.7
Zinc (Zn)	<0.20	<0.20 – 22.80
Chromium (Cr)	<0.05	<0.05 – 4.65
Lead (Pb)	2.85	<1.64 – 3.90
Arsenic (As)	0.47	<0.10 – 1.75
Vanadium (V)	<0.20	<0.20 – 0.70
Boron (B)	19.30	3 - 35

This product is a naturally occurring material and its content is therefore subject to variation.

N.B. This material is primarily designed for use in the agricultural/horticultural and oil drilling industries. The presence of small particles is normal and whilst the product is screened prior to packing to eliminate larger foreign matter, users should satisfy themselves as to its suitability if used for other purposes.

Genetically Modified/Allergy Status

‘Potassium Chloride Treated Soluble’ is a deep mined product and therefore does not contain dioxins or genetically modified organisms and is allergen free.

Shelf Life

If stored in dry conditions and original unopened packaging the shelf life should not be less than 1 year.

Country of Origin

United Kingdom