



FERTILIZER PRODUCTS

Product Name: **Muriate of Potash – Crystalline Granular**

SGN: **270** Uniformity Index: **42**

Order Code: **GRA**

MSDS No.: **1**

Source: Esterhazy, SK

Alternate Names: Potassium Chloride, KCl, Potash, MOP

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CHEMICAL COMPOSITION	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K ₂ O	%	60.0 - 61.0	60.9	60.0 min.
Moisture, as H ₂ O	%	0.02 - 0.10	0.02	
Potassium Chloride, as KCl	%		96.41	
Potassium, as K	%		50.57	
Magnesium, as Mg	%		0.02	
Calcium, as Ca	%		0.04	
Sodium Chloride, as NaCl	%		2.72	
Chloride, as Cl	%		47.63	
Sulfate, as SO ₄	%		0.05	
Sodium, as Na	%		1.07	
Insolubles in water	%	0.35 - 0.45	0.40	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+4	4.75 mm	%	0 - 2	1
+5	4.00 mm	%	2 - 16	8
+6	3.35 mm	%	7 - 40	25
+7	2.80 mm	%	28 - 65	46
+8	2.36 mm	%	50 - 84	66
+9	2.00 mm	%	75 - 95	83
+10	1.70 mm	%	89 - 99	94
+14	1.18 mm	%	97 - 100	99

PHYSICAL PROPERTIES		
Bulk Density	kg/m ³	1,050 - 1,070
	lb/ft ³	65 - 67
Angle of Repose	degrees	35°
Uniformity Index		42
Color		Pink/Clear

GUARANTEED ANALYSIS
(0-0-60)
Soluble Potash (K ₂ O) - 60%

Note: All of the above properties are based on the analysis of a composite sample from a bulk shipment. Grab samples or individual car samples may fall outside of the specified typical.

