

FERTILIZER PRODUCTS

Source: Saskatchewan

Alternate Names: Potassium Chloride, KCl, Potash, MOP

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CHEMICAL COMPOSITION	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K ₂ O	%	62.0 - 62.6	62.5	62 min.
Moisture, as H ₂ O	%	0.05 - 0.20	0.15	
Potassium Chloride, as KCl	%		98.90	
Potassium, as K	%		51.87	
Magnesium, as Mg	%		0.002	
Calcium, as Ca	%		0.002	
Sodium Chloride, as NaCl	%		0.89	
Chloride, as Cl	%		47.54	
Sulfate, as SO ₄	%		0.002	
Sodium, as Na	%		0.35	
Insolubles in water	%		0.04	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+28	0.60 mm	%	1 - 10	10
+35	0.42 mm	%	12 - 35	23
+48	0.30 mm	%	25 - 55	50
+65	0.21 mm	%	55 - 80	65
+100	0.15 mm	%	79 - 95	88
+150	0.10 mm	%	92 - 100	97

PHYSICAL PROPERTIES		
Bulk Density	kg/m ³	1,245
	lb/ft ³	78
Angle of Repose	degrees	27°
Color	Off-White	

GUARANTEED ANALYSIS
(0-0-62)
Soluble Potash (K ₂ O) - 62%

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.