

INDUSTRIAL PRODUCTS

Source: Saskatchewan

Alternate Names: Potassium Chloride, KCl, Potash, MOP

CHEMICAL ANALYSIS	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K ₂ O	%	62.0 - 62.6	62.5	62 min.
Moisture, as H ₂ O	%		0.15	
Potassium Chloride, as KCl	%		98.9	
Potassium, as K	%		51.87	
Magnesium, as Mg	ppm	9 - 20	12	
Calcium, as Ca	ppm	10 - 25	17	
Sodium Chloride, as NaCl	%	0.7 - 1.0	0.89	1 max.
Chloride, as Cl	%		47.54	
Sulfate, as SO ₄	ppm	15 - 30	23	
Insolubles in water	%		0.04	
Other	%		0.05	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+28	0.60 mm	%	1 - 10	6
+35	0.42 mm	%	12 - 35	18
+48	0.30 mm	%	25 - 55	35
+65	0.21 mm	%	55 - 80	65
+100	0.15 mm	%	79 - 95	88
+150	0.10 mm	%	92 - 99	97

PHYSICAL PROPERTIES		
Bulk Density	kg/m ³	1,245
	lb/ft ³	78
Specific Gravity	g/cm ³	1.94
Angle of Repose	degrees	28°
Size Guide Number (SGN)		25
Color		White