

Muriate of Potash – Soluble Fine <1.0% NaCl

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, NaCl	%	0.7 – 1.0	0.89	
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