



RED STANDARD
MURIATE OF POTASH

Grade Code: RSTD

TYPICAL CHEMICAL ANALYSIS

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	96.5	
Potassium Oxide	K ₂ O	%	60.9	60 Minimum
Sodium Chloride	NaCl	%	2.8	
Moisture	H ₂ O	%	0.03	
Calcium	Ca	%	0.04	
Chloride	Cl ⁻	%	47.5	
Magnesium	Mg	%	0.04	
Potassium	K	%	50.6	
Sodium	Na	%	1.1	
Sulfate	SO ₄	%	0.07	
Water Insolubles		%	0.5	

PARTICLE SIZE DISTRIBUTION (SGN 80 - 120)

	<i>Tyler Mesh</i>	<i>US Mesh</i>	<i>mm Mesh</i>	<i>Typical Cumulative %</i>	<i>Typical Range %</i>
Retained on . . .	10	12	1.700	9	0 - 22
	14	16	1.180	33	10 - 55
	20	20	0.850	57	20 - 85
	28	30	0.600	78	35 - 100
	35	40	0.425	88	55 - 100
	48	50	0.300	95	70 - 100
	65	70	0.212	98	72 - 100
Passing through	65	70	0.212	2	0 - 28

PHYSICAL PROPERTIES

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	65 - 84
	kg/m ³	1041 - 1346
Angle of repose	degrees	35

Typical results are based on product expectations at load port.

< signifies "less than" the stated detection limit.

To the best of Canpotex's knowledge and belief, the information contained herein is accurate and reliable. The analysis values listed as 'Typical' in the above specifications are average values compiled from composite sample analysis and should not be considered a guaranteed specification, unless otherwise noted.

Revised July 2024