

RED STANDARD
MURIATE OF POTASH

Grade Code: RSTD

TYPICAL CHEMICAL ANALYSIS

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	96.5	60 Minimum
Potassium Oxide	K ₂ O	%	60.9	
Sodium Chloride	NaCl	%	2.8	
Moisture	H ₂ O	%	0.09	
Calcium	Ca	%	0.05	
Chloride	Cl ⁻	%	47.6	
Magnesium	Mg	%	0.03	
Potassium	K	%	50.6	
Sodium	Na	%	1.1	
Sulfate	SO ₄	%	0.1	
Water Insolubles		%	0.4	

PARTICLE SIZE DISTRIBUTION (SGN 80 - 120)

	Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Retained on . . .	10	12	1.700	8	0 - 30
	14	16	1.180	30	15 - 55
	20	20	0.850	54	30 - 85
	28	30	0.600	76	55 - 100
	35	40	0.425	88	65 - 100
	48	50	0.300	94	75 - 100
	65	70	0.212	97	85 - 100
Passing through	65	70	0.212	3	0 - 15

PHYSICAL PROPERTIES

Parameter	Unit	Typical/Range
Bulk density	lb/cu ft	65 - 82
	kg/m ³	1041 - 1315
Angle of repose	degrees	32

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 January 2017