

**RED FINE STANDARD  
MURIATE OF POTASH**

Grade Code: RFSS

**TYPICAL CHEMICAL ANALYSIS**

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	96.36	60 Minimum
Potassium Oxide	K <sub>2</sub> O	%	60.88	
Sodium Chloride	NaCl	%	3.01	
Moisture	H <sub>2</sub> O	%	0.08	
Calcium	Ca	%	0.04	
Chloride	Cl <sup>-</sup>	%	47.65	
Magnesium	Mg	%	0.03	
Potassium	K	%	50.53	
Sodium	Na	%	1.19	
Sulfate	SO <sub>4</sub>	%	0.10	
Water Insolubles		%	0.47	

**PARTICLE SIZE DISTRIBUTION (SGN 25 - 48)**

	Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Retained on . . .	28	30	0.600	17.3	8 - 35
	35	40	0.425	40.5	25 - 57
	48	50	0.300	63.3	40 - 77
	65	70	0.212	81.8	60 - 91
	100	100	0.150	94.3	80 - 98
Passing through	100	100	0.150	5.8	2 - 20

**PHYSICAL PROPERTIES**

Parameter	Unit	Typical/Range
Bulk density	lb/cu ft	67 - 80
	kg/m <sup>3</sup>	1073 - 1280
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.

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