

**RED FINE STANDARD**
**MURIATE OF POTASH**

Grade Code: RFSS

**TYPICAL CHEMICAL ANALYSIS**

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	96.26	
Potassium Oxide	K <sub>2</sub> O	%	60.65	60 Minimum
Sodium Chloride	NaCl	%	3.38	
Moisture	H <sub>2</sub> O	%	0.06	
Calcium	Ca	%	0.04	
Chloride	Cl <sup>-</sup>	%	47.57	
Magnesium	Mg	%	0.03	
Potassium	K	%	50.48	
Sodium	Na	%	1.33	
Sulfate	SO <sub>4</sub>	%	0.10	
Water Insolubles		%	0.47	

**PARTICLE SIZE DISTRIBUTION (SGN 25 - 50)**

	<i>Tyler</i>	<i>US</i>	<i>mm</i>	<i>Typical</i>	<i>Typical</i>
	<i>Mesh</i>	<i>Mesh</i>	<i>Mesh</i>	<i>Cumulative %</i>	<i>Range %</i>
Retained on . . .	28	30	0.600	16.8	8 - 35
	35	40	0.425	39.5	25 - 57
	48	50	0.300	62.3	40 - 77
	65	70	0.212	80.8	60 - 91
	100	100	0.150	93.5	80 - 98
Passing through	100	100	0.150	6.5	2 - 20

**PHYSICAL PROPERTIES**

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
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.*

**Revised March 2018**