

**WHITE FINE STANDARD**
**MURIATE OF POTASH**

Grade Code: WFSS

**TYPICAL CHEMICAL ANALYSIS**

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	98.9	
Potassium Oxide	K <sub>2</sub> O	%	62.5	62 Minimum
Sodium Chloride	NaCl	%	1.0	
Moisture	H <sub>2</sub> O	%	0.06	
Ammonia as N	NH <sub>4</sub>	ppm	<2.5	
Bromide	Br <sup>-</sup>	ppm	475	
Calcium	Ca	ppm	58	
Chloride	Cl <sup>-</sup>	%	47.6	
Magnesium	Mg	ppm	158	
Potassium	K	%	51.8	
Sodium	Na	%	0.4	
Sulfate	SO <sub>4</sub>	ppm	148	
Water Insolubles		ppm	63	

**PARTICLE SIZE DISTRIBUTION (SGN 30)**

	<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 . . .	20	20	0.850	0.9	0 - 3
	28	30	0.600	7	0 - 20
	35	40	0.425	24	10 - 45
	48	50	0.300	50	35 - 75
	65	70	0.212	76	55 - 95
	100	100	0.150	91	75 - 100
	150	140	0.106	98	90 - 100
Passing through	150	140	0.106	2	0 - 10

**PHYSICAL PROPERTIES**

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	72 - 79
	kg/m <sup>3</sup>	1153 - 1265
Angle of repose	degrees	33

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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