

**WHITE STANDARD
MURIATE OF POTASH**

Grade Code: WSTD

TYPICAL CHEMICAL ANALYSIS

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	98.6	
Potassium Oxide	K ₂ O	%	62.3	62 Minimum
Sodium Chloride	NaCl	%	1.1	
Moisture	H ₂ O	%	0.2	
Ammonia as N	NH ₄	ppm	<2.5	
Bromide	Br ⁻	ppm	195	
Calcium	Ca	ppm	40	
Chloride	Cl ⁻	%	47.6	
Iron	Fe	ppm	<1.00	
Magnesium	Mg	ppm	80	
Potassium	K	%	51.7	
Sodium	Na	%	0.4	
Sulfate	SO ₄	ppm	110	
Water Insolubles		ppm	50	

PARTICLE SIZE DISTRIBUTION (SGN 70)

	<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	10	0 - 25
	14	16	1.180	27	10 - 50
	20	20	0.850	45	20 - 70
	28	30	0.600	65	30 - 85
	35	40	0.425	75	40 - 90
	48	50	0.300	90	60 - 95
	65	70	0.212	97	75 - 100
Passing through	65	70	0.212	3	0 - 25

PHYSICAL PROPERTIES

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	74 - 83
	kg/m ³	1185 - 1329
Angle of repose	degrees	31

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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