

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	%	98.7	
Potassium Oxide	K ₂ O	%	62.4	62 Minimum
Sodium Chloride	NaCl	%	1.1	
Moisture	H ₂ O	%	0.07	
Ammonia as N	NH ₄	ppm	<2.5	
Bromide	Br ⁻	ppm	200	
Calcium	Ca	ppm	90	
Chloride	Cl ⁻	%	47.6	
Iron	Fe	ppm	<1.00	
Magnesium	Mg	ppm	50	
Potassium	K	%	51.8	
Sodium	Na	%	0.4	
Sulfate	SO ₄	ppm	200	
Water Insolubles		ppm	100	

PARTICLE SIZE DISTRIBUTION (SGN 75)

	<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 . . .	10	12	1.700	11	0 - 25
	14	16	1.180	28	10 - 50
	20	20	0.850	45	20 - 70
	28	30	0.600	60	30 - 85
	35	40	0.425	70	45 - 90
	48	50	0.300	80	65 - 95
	65	70	0.212	90	80 - 100
Passing through	65	70	0.212	10	0 - 20

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.

Revised March 2018