

**WHITE STANDARD
MURIATE OF POTASH**

Grade Code: WSTD

TYPICAL CHEMICAL ANALYSIS

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	98.7	62 Minimum
Potassium Oxide	K ₂ O	%	62.4	
Sodium Chloride	NaCl	%	1.1	
Moisture	H ₂ O	%	0.2	
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 65)

	Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Retained on . . .	10	12	1.700	9	0 - 20
	14	16	1.180	25	5 - 40
	20	20	0.850	40	15 - 65
	28	30	0.600	55	25 - 80
	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

Parameter	Unit	Typical/Range
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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