



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	%	0.1	
Ammonia as N	NH ₄	ppm	<2	
Bromide	Br ⁻	ppm	205	
Calcium	Ca	ppm	45	
Chloride	Cl ⁻	%	47.6	
Iron	Fe	ppm	<1.00	
Magnesium	Mg	ppm	90	
Potassium	K	%	51.8	
Sodium	Na	%	0.4	
Sulfate	SO ₄	ppm	110	
Water Insolubles		ppm	70	

PARTICLE SIZE DISTRIBUTION (SGN 55*)

	<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	10	0 - 25
	14	16	1.180	20	10 - 50
	20	20	0.850	35	15 - 65
	28	30	0.600	45	25 - 80
	35	40	0.425	60	40 - 90
	48	50	0.300	80	60 - 95
	65	70	0.212	92	75 - 100
Passing through	65	70	0.212	8	0 - 25

PHYSICAL PROPERTIES

<i>Parameter</i>	<i>Unit</i>	<i>Typical</i>
Bulk density	lb/cu ft	78
	kg/m ³	1249
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

Revised August 2022