



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	%	98.8	
Potassium Oxide	K ₂ O	%	62.4	62 Minimum
Sodium Chloride	NaCl	%	1.1	
Moisture	H ₂ O	%	0.06	
Ammonia as N	NH ₄	ppm	<2.5	
Bromide	Br ⁻	ppm	493	
Calcium	Ca	ppm	50	
Chloride	Cl ⁻	%	47.6	
Magnesium	Mg	ppm	188	
Potassium	K	%	51.8	
Sodium	Na	%	0.5	
Sulfate	SO ₄	ppm	100	
Water Insolubles		ppm	85	

PARTICLE SIZE DISTRIBUTION (SGN 35)

	<i>Tyler Mesh</i>	<i>US Mesh</i>	<i>mm Mesh</i>	<i>Typical Cumulative %</i>	<i>Typical Range %</i>
Retained on . . .	20	20	0.850	0.3	0 - 3
	28	30	0.600	12	0 - 20
	35	40	0.425	36	10 - 45
	48	50	0.300	65	35 - 75
	65	70	0.212	83	55 - 95
	100	100	0.150	94	75 - 100
	150	140	0.106	99	90 - 100
Passing through	150	140	0.106	1	0 - 10

PHYSICAL PROPERTIES

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	72 - 79
	kg/m ³	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.

Revised July 2024