



INDUSTRIAL WHITE SOLUBLE--C (Maximum 1% NaCl)

MURIATE OF POTASH

Grade Code: F111

TYPICAL CHEMICAL ANALYSIS

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	98.90	
Potassium Oxide	K ₂ O	%	62.50	62 Minimum
Sodium Chloride	NaCl	%	0.70 - 0.90	1 Maximum
Moisture	H ₂ O	%	0.05	
Calcium	Ca	ppm	10 - 35	
Chloride	Cl ⁻	%	47.54	
Magnesium	Mg	ppm	9 - 20	
Potassium	K	%	51.87	
Sodium	Na	%	0.39	
Sulfate	SO ₄	ppm	5 - 20	
Water Insolubles		ppm	100 - 200	

REAGENTS

<i>Reagent</i>	<i>Unit</i>	<i>Typical</i>	<i>Range</i>
Anticake Amine	ppm	200	190 - 270
De-dust oil	ppm	nil	

PARTICLE SIZE DISTRIBUTION

	<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 . . .	28	30	0.600	8.1	1 - 20
	35	40	0.425	18.7	12 - 35
	48	50	0.300	34.7	35 - 65
	65	70	0.212	61.5	65 - 85
	100	100	0.150	83.3	79 - 95
	150	140	0.106	94.9	92 - 99
Passing through	150	140	0.106	5.1	1 - 8

PHYSICAL PROPERTIES

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	78
	kg/m ³	1249
Angle of repose	degrees	30
Specific gravity	g/cm ³	1.94

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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