Canpotex

INDUSTRIAL WHITE SOLUBLE (Maximum 0.2% NaCl)
MURIATE OF POTASH

Grade Code: F2I5

TYPICAL CHEMICAL ANALYSIS

Component/Equivalent	*Symbol*	*Unit*	*Typical*	*Guaranteed*
Potassium Chloride	KCl	%	99.78	
Potassium Oxide	K_2O	%	63.04	62.95 Minimum
Sodium Chloride	NaCl	%	0.10 - 0.20	0.2 Maximum
Moisture	H_2O	%	0.02	
Bromide	Br^-	ppm	50 - 150	
Calcium	Ca	ppm	10 - 30	
Chloride	Cl^-	%	47.53	
Lead	Pb	ppm	<1.0	
Magnesium	Mg	ppm	5 - 15	
Potassium	K	%	52.30	
Sodium	Na	%	0.04 - 0.08	
Sulfate	SO_4	ppm	20 - 70	
Water Insolubles		ppm	20 - 50	

REAGENTS

Reagent	*Unit*	*Typical*	*Range*
Anticake Amine	ppm	190	150 - 300
De - dust oil	ppm	nil	

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	*US Mesh*	*mm Mesh*	*Typical Cumulative %*	*Typical Range %*
Retained on . . .	28	30	0.600	2.0	0 - 7
	35	40	0.425	21.0	10 - 38
	48	50	0.300	58.0	25 - 75
	65	70	0.212	82.0	60 - 88
	100	100	0.150	94.0	68 - 98
	150	140	0.106	98.0	90 - 99
Passing through	150	140	0.106	2.0	1 - 10

PHYSICAL PROPERTIES

Parameter	*Unit*	*Typical/Range*
Bulk density	lb/cu ft	70
	kg/m^3	1122
Angle of repose	degrees	29
Specific gravity	g/cm^3	1.94
Appearance		White fine and highly purified

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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