

**INDUSTRIAL WHITE SOLUBLE--C (Maximum 1% NaCl)**
**MURIATE OF POTASH**

Grade Code: F111

**TYPICAL CHEMICAL ANALYSIS**

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	98.90	
Potassium Oxide	K <sub>2</sub> O	%	62.50	62 Minimum
Sodium Chloride	NaCl	%	0.70 - 1.00	1 Maximum
Moisture	H <sub>2</sub> O	%	0.10	
Calcium	Ca	ppm	10 - 35	
Chloride	Cl <sup>-</sup>	%	47.54	
Magnesium	Mg	ppm	9 - 20	
Potassium	K	%	51.87	
Sodium	Na	%	0.39	
Sulfate	SO <sub>4</sub>	ppm	5 - 15	
Water Insolubles		ppm	100 - 200	

**REAGENTS**

Reagent	Unit	Typical	Range
Anticake Amine	ppm	250	200-300
De-dust oil	ppm	nil	

**PARTICLE SIZE DISTRIBUTION (SGN 30)**

	Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Retained on . . .	28	30	0.600	8.3	1 - 10
	35	40	0.425	23.0	12 - 35
	48	50	0.300	50.2	25 - 55
	65	70	0.212	77.5	55 - 80
	100	100	0.150	88.7	79 - 95
	150	140	0.106	98.0	92 - 99
Passing through	150	140	0.106	2.0	1 - 8

**PHYSICAL PROPERTIES**

Parameter	Unit	Typical/Range
Bulk density	lb/cu ft	78
	kg/m <sup>3</sup>	1245
Angle of repose	degrees	30
Specific gravity	g/cm <sup>3</sup>	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.

Revised March 2018