



**RED SUPERBLEND GRANULAR**

**MURIATE OF POTASH**

Grade Code: 7GRN

**TYPICAL CHEMICAL ANALYSIS**

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	96.2	60 Minimum
Potassium Oxide	K <sub>2</sub> O	%	60.8	
Sodium Chloride	NaCl	%	3.0	
Moisture	H <sub>2</sub> O	%	0.1	
Calcium	Ca	%	0.05	
Chloride	Cl <sup>-</sup>	%	47.6	
Magnesium	Mg	%	0.03	
Potassium	K	%	50.5	
Sodium	Na	%	1.1	
Sulfate	SO <sub>4</sub>	%	0.1	
Water Insolubles		%	0.4	

**PARTICLE SIZE DISTRIBUTION (SGN 285 - 325; UI > 45)**

	<i>Tyler Mesh</i>	<i>US Mesh</i>	<i>mm Mesh</i>	<i>Typical Cumulative %</i>	<i>Typical Range %</i>
Retained on . . .	4	4	4.750	1.1	0 - 3
	5	5	4.000	13.7	1 - 24
	6	6	3.350	39.0	17 - 55
	7	7	2.800	61.6	30 - 80
	8	8	2.360	82.4	60 - 95
	9	10	2.000	94.9	80 - 100
	10	12	1.700	98.6	95 - 100
	12	14	1.400	98.9	98 - 100
	14	16	1.180	99.3	98 - 100
	16	18	1.000	99.6	98 - 100
	20	20	0.850	99.9	99 - 100
Passing through	20	20	0.850	0.1	0 - 1

**PHYSICAL PROPERTIES**

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	62 - 75
	kg/m <sup>3</sup>	993 - 1201
Angle of repose	degrees	38

*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**