

**CRYSTAL GRANULAR
MURIATE OF POTASH**

Grade Code: CGRN

TYPICAL CHEMICAL ANALYSIS

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	96.5	60 Minimum
Potassium Oxide	K ₂ O	%	60.9	
Sodium Chloride	NaCl	%	2.9	
Moisture	H ₂ O	%	0.02	
Calcium (water soluble)	Ca	%	0.03	
Chloride	Cl ⁻	%	47.6	
Magnesium (water soluble)	Mg	%	0.02	
Potassium	K	%	50.6	
Sodium	Na	%	1.1	
Sulfate	SO ₄	%	N/A	
Water Insolubles		%	0.29	

PARTICLE SIZE DISTRIBUTION (SGN 245 - 300; UI 38 - 47)

	Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Retained on . . .	4	4	4.750	1	0 - 3
	5	5	4.000	9	5 - 15
	6	6	3.350	25	15 - 40
	7	7	2.800	45	30 - 60
	8	8	2.360	65	55 - 80
	9	10	2.000	85	75 - 95
	10	12	1.700	95	90 - 100
	12	14	1.400	98	95 - 100
	14	16	1.180	99	98 - 100
	20	20	0.850	99.7	99 - 100
Passing through	20	20	0.850	0.3	0 - 1

PHYSICAL PROPERTIES

Parameter	Unit	Typical/Range
Bulk density	lb/cu ft	67
	kg/m ³	1070
Angle of repose	degrees	42

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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