

**PINK STANDARD**
**MURIATE OF POTASH**

Grade Code: PSTD

**TYPICAL CHEMICAL ANALYSIS**

<i>Component/Equivalent</i>	<i>Symbol</i>	<i>Unit</i>	<i>Typical</i>	<i>Guaranteed</i>
Potassium Chloride	KCl	%	96.7	
Potassium Oxide	K <sub>2</sub> O	%	61.1	60 Minimum
Sodium Chloride	NaCl	%	2.5	
Moisture	H <sub>2</sub> O	%	0.04	
Calcium	Ca	%	0.04	
Chloride	Cl <sup>-</sup>	%	47.5	
Magnesium	Mg	%	0.05	
Potassium	K	%	50.7	
Sodium	Na	%	1.0	
Sulfate	SO <sub>4</sub>	%	0.06	
Water Insolubles		%	0.4	

**PARTICLE SIZE DISTRIBUTION (SGN 80 - 120)**

	<i>Tyler Mesh</i>	<i>US Mesh</i>	<i>mm Mesh</i>	<i>Typical Cumulative %</i>	<i>Typical Range %</i>
Retained on . . .	10	12	1.700	6	0 - 20
	14	16	1.180	33	10 - 55
	20	20	0.850	57	20 - 85
	28	30	0.600	79	35 - 100
	35	40	0.425	89	55 - 100
	48	50	0.300	96	70 - 100
	65	70	0.212	99	85 - 100
Passing through	65	70	0.212	1	0 - 15

**PHYSICAL PROPERTIES**

<i>Parameter</i>	<i>Unit</i>	<i>Typical/Range</i>
Bulk density	lb/cu ft	67 - 72
	kg/m <sup>3</sup>	1073 - 1153
Angle of repose	degrees	36

*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 2020**