

SOFTOUCH™ WATER SOFTENER
MURIATE OF POTASH

Grade Code: CWIC

TYPICAL CHEMICAL ANALYSIS

Component/Equivalent	Symbol	Unit	Typical	Guaranteed
Potassium Chloride	KCl	%	99.75	
Potassium Oxide	K ₂ O	%	63.00	62.95 Minimum
Sodium Chloride	NaCl	%	0.10 - 0.20	0.2 Maximum
Moisture	H ₂ O	%	0.05	
Bromide	Br ⁻	ppm	50 - 100	
Calcium	Ca	ppm	10 - 30	
Cobalt	Co	ppm	<0.1	
Copper	Cu	ppm	<0.1	
Iron	Fe	ppm	1 - 5	
Lead	Pb	ppm	<1.0	
Magnesium	Mg	ppm	5 - 15	
Nickel	Ni	ppm	<0.1	
Potassium	K	%	52.30	
Silica	SiO ₂	ppm	10 - 20	
Sodium	Na	%	0.06	
Sulfate	SO ₄	ppm	5 - 20	
Water Insolubles		ppm	40 - 80	

REAGENTS

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

PARTICLE SIZE DISTRIBUTION

Tyler Mesh	US Mesh	mm Mesh	Typical Cumulative %	Typical Range %
Greater than 95%: -1 inch to +6 Tyler Mesh				

PHYSICAL PROPERTIES

Parameter	Unit	Typical/Range
Bulk density	lb/cu ft	67
	kg/m ³	1073
Angle of repose	degrees	36
Specific gravity	g/cm ³	1.94

< signifies "less than" the stated detection limit

Typical results are based on product expectations at load port

™- Softouch is a trademark of PCS Sales (Canada) Inc.

Canpotex Limited is an authorized user of the trademark.

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 January 2017