



Product Specifications
Effective: June 29, 2011
Location: Vanscoy

Muriate of Potash

0-0-60

Standard Grade

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Potassium Chloride	wt. % KCl	-	95.65
Potassium Oxide	wt. % as K ₂ O	60.00	61.20
Potassium	wt. % K	-	50.16
Sodium Chloride	wt. % NaCl	-	3.59
Moisture	wt. % H ₂ O	-	0.07
Calcium	wt. % Ca	-	0.04
Chloride	wt. % Cl	-	47.70
Magnesium	wt. % Mg	-	0.03
Sodium	wt. % Na	-	1.41
Sulfate	wt. % SO ₄	-	0.07
Water Insolubles	wt. %	-	0.43

PHYSICAL ANALYSIS

Parameter	Unit	Range	Typical
Angle of repose	degrees	29-32	31
Bulk density	lb/ft ³ kg/m ³	65-82 1041-1315	- -
Size Guide Number (SGN)		95-120	105
Uniformity Index		13-32	24

PARTICLE SIZE DISTRIBUTION

	Tyler Mesh	US Mesh	mm Mesh	Range wt. %	Typical wt. %
Retained on . . .	10	12	1.700	0-35	7.37
	14	16	1.180	15-65	37.47
	20	20	0.850	30-85	68.91
	28	30	0.600	51-94	88.02
	35	40	0.425	65-98	94.31
	48	50	0.300	81-100	99.01
	65	70	0.212	91-100	99.73
Passing through	65	70	0.212	0-9	0.27

Please obtain a Material Safety Data Sheet for more information.

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AGRIUM, 13131 Lake Fraser Drive SE, Calgary, Alberta T2J 7E8; Phone: (403) 225-7000.

Agrium U.S. Inc., 4582 S. Ulster Street, Suite 1700, Denver, Colorado 80237; Phone: (303) 804-4400.