



BIG QUILL

RESOURCES INC

P.O. Box 1059, Wynyard, SK, Canada S0A 4T0
Phone: 306-554-3322 Fax: 306-554-3858

SOP-90

99.6% Min. K₂S₀₄ – 0.05% Max. Chloride
Fertilizer Designation 0-0-54-18

CHEMICAL COMPOSITION	UNIT	TYPICAL	RANGE	SPECIFICATION
Potassium Sulphate (K ₂ S ₀ ₄)	%	99.80		99.60 Min.
K ₂ O Equivalent	%	54.00		
Potassium (K)	%	44.80		
Sulphate (S ₀ ₄)	%	55.00		
Total Chloride (Cl)	%	0.05		0.05 Max.
Sodium (Na)	%	0.05		
Sulphur (S)	%	18.30		
Moisture	%	0.02		
Insolubles – in water	%	0.06		
pH - in water, 25° C	%	Neutral		
Magnesium (Mg)	%	0.01		
Calcium (Ca)	%	0.05		

REAGENTS ADDED

Dedusting	%	None
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PARTICLE SIZE: US STANDARD

	Opening			
+12	1.70 mm	Cum%	0	
+16	1.18 mm	Cum%	18.0	15.0 – 20.0
+20	0.85 mm	Cum%	55.0	50.0 – 65.0
+30	0.60 mm	Cum%	98.0	95.0 – 99.0
SGN			90.0	85.0 – 95.0

PHYSICAL PROPERTIES

Color		Off White (Pink)
Bulk Density	kg/m ³	1442 1281-1681
	lb/ft ³	90 80 – 105

SEPTEMBER 2005