



## Fertilizer and Industrial Compounds

**Product Name:** Ag Granular Sulfate of Potash 0-0-50

**Source:** Ogden, Utah

**Alternative Names:** Potassium Sulfate (K<sub>2</sub>SO<sub>4</sub>/SOP)

CHEMICAL COMPOSITION	UNIT	TYPICAL	TARGET
Potassium Oxide Equivalent (K <sub>2</sub> O)	%	51	50
Chloride (Cl)	%	0.3	0.8 max
Magnesium (Mg)	%	0.6	-
Sulfate (SO <sub>4</sub> )	%	53	-
Sulfur (S)	%	18	17.0
Moisture (H <sub>2</sub> O)	%	0.2	-
pH - in water at 25°C (5.0% Solution)		8.0	-

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	UNIT	SCREEN OPENING	TYPICAL	TYPICAL RANGE
4	%	4.76 mm	1.7	0-6
5	%	4.00 mm	17.7	0-39
6	%	3.36 mm	53.6	22-86
8	%	2.38 mm	90.4	74-100
10	%	1.68 mm	96.7	88-100
12	%	1.41 mm	98.2	93-100
pan	%	-	100.0	100

PHYSICAL PROPERTIES		
	UNIT	TYPICAL
Bulk Density	kg/m <sup>3</sup>	1200
	lb/ft <sup>3</sup>	75
Color		Brown

**Note:** All of the above results are based on the analysis of a composite sample. Individual samples may fall outside the specified typical.