



## Fertilizer and Industrial Compounds

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

**Source:** Ogden, Utah

**Alternative Names:** Potassium Sulfate ( $K_2SO_4$ /SOP)

CHEMICAL COMPOSITION	UNIT	TYPICAL	TARGET
Potassium Oxide Equivalent ( $K_2O$ )	%	51	50
Chloride (Cl)	%	0.3	0.8 max
Magnesium (Mg)	%	0.7	-
Sulfate ( $SO_4$ )	%	53	-
Sulfur (S)	%	18	17
Moisture ( $H_2O$ )	%	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
7	%	2.83 mm	6.0	0-16
8	%	2.38 mm	32.5	6-59
9	%	2.00 mm	63.5	38-89
10	%	1.68 mm	87.0	73-100
12	%	1.41 mm	96.3	91-100
14	%	1.19 mm	98.2	95-100
pan	%	-	100	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.