



**Great Salt Lake
Minerals Corporation**
A Compass Minerals Company

**GREAT SALT LAKE MINERALS
CORPORATION**

765 North 10500 West, Ogden, Utah 84404

**SULFATE OF POTASH
CHOICE GRANULAR
ORGANIC
0-0-50 SOP**

(Typical SGN 146 / UI 66)

PARTICLE SIZE DISTRIBUTION

TYLER MESH	U.S. MESH	OPENING (millimeters)	TYPICAL RANGE (% Cum.)	TYPICAL (% Cum.)
48	50	0.30	0-15	6
65	70	0.212	50-70	60
100	100	0.15	85-95	90
150	140	0.106	95-99	97

PHYSICAL PROPERTIES

	TYPICAL
Bulk Density, loose	
• lb/cu foot	75
• kg/cu meter	1550
Angle of Repose	35°

SOLUBILITY

0.7 lb SOP / gal	50° F (10° C)
0.9 lb SOP / gal	68° F (20° C)
1.0 lb SOP / gal	77° F (25° C)

CHEMICAL ANALYSIS

Component	Symbol	Typical (%)	Guarantee (%)
Potassium Oxide Equivalent (Soluble Potash)	K ₂ O	52.3	50.0 (min.)
Sulfur	S	17.8	17.0 (min.)
Sulfate	SO ₄	53.3	
Chloride	Cl	0.4	0.8 (max.)
Magnesium	Mg	0.4	
Moisture (105°C)	H ₂ O	0.1	
pH (5 % Solution)	pH	8.0	
Water Insolubles	---	0.8	

Product analyses are typical. Handling and transportation may affect the analysis of the delivered product.

CHOICE GRANULAR SOP is suitable for blends typically used by the turf and ornamental markets. It is also well suited for direct application fertilization, especially slow release.

CHOICE GRANULAR SOP is produced naturally near Ogden, Utah and available in 50 pound bags, 2,000 pound bags, and in bulk via truck & rail. Great Salt Minerals Corporation does not use animal manure or any form of waste in the production of SOP.

PRODUCTION PLANT

765 North 10500 West
Ogden, Utah 84404
(801) 731-3100 Fax (801) 731-4881

ORDERING

1-800-551-8216
Fax (801) 732-3373

GENERAL OFFICE

9900 W109th Street
Overland Park, Kansas 66210
(913) 344-9300 Fax (913) 338-7906

