

SEAFORTH PRODUCTS CORPORATION

MATERIAL SPECIFICATION SHEET

PRODUCT: **STRONTIUM CARBONATE POWDER**

Physical Form: Powder
CAS Number: 1633-05-2
Specific Gravity: 3.62
Bulk Density: 105pcf

CHEMICAL ANALYSIS (percent by weight):

<u>Chemical Compound</u>	<u>Typical</u>	<u>4 S.D. Range</u>
Strontium Carbonate	98.20	97.36 - 99.05
Barium Carbonate	1.47	0.88 - 2.07
Sodium Carbonate	0.10	0.04 - 0.15
Calcium Carbonate	0.05	0.00 - 0.09
Silica	0.24	0.19 - 0.30
Total Sulfur as SO ₃	0.14	0.11 - 0.17
Ferric Oxide	0.001	0.000 - 0.002
Strontium Oxide	0.23	0.14 - 0.31

PHYSICAL ANALYSIS (non-cumulative, percent by weight):

<u>Screen Mesh</u>	<u>Typical</u>	<u>4 S.D. Ranges</u>
+ 40	0	0 - 0
- 40,+100	1	0 - 2
-100,+200	9	00 - 26
-200,+325	16	00 - 40
-325	73	43 - 100

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