

## STANDARD SAND

### Chemical Properties

Silicon Dioxide (SiO <sub>2</sub> )	99.28%
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.052
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.272
Calcium Oxide (CaO)	0.026
Magnesium Oxide (MgO)	0.040
Sodium Oxide (Na <sub>2</sub> O)	0.004
Titanium Dioxide (TiO <sub>2</sub> )	0.028
Potassium Oxide (K <sub>2</sub> O)	0.127
Loss on Ignition	0.11

### Typical<sup>(1)</sup>



### Screen Analysis<sup>(2)</sup>

on 30  
on 40  
on 50  
on 70  
on 100  
on 140  
on 200  
on 270  
Pan

### 3Σ Range (99%)

0.0 - 0.3  
4.0 - 8.2  
12.3 - 21.7  
17.9 - 29.4  
20.9 - 33.2  
11.9 - 27.0  
2.6 - 7.8  
0.1 - 1.5  
0.1 - 0.6

### Mid-Point

0.1  
6.1  
17.0  
23.6  
27.1  
19.5  
5.2  
1.1  
0.4

Calculated AFS #

62.5 - 75.7

69.1

### Shipping Point

Overton, NV

(1)percent unless otherwise noted  
(2)USA Standard Testing Screens ASTM E-11 specification