



STANDARD SAND

Chemical Properties

Typical⁽¹⁾

Silicon Dioxide (SiO ₂)	99.4
Iron Oxide (Fe ₂ O ₃)	0.057
Aluminum Oxide (Al ₂ O ₃)	0.26
Calcium Oxide (CaO)	0.014
Magnesium Oxide (MgO)	0.037
Sodium Oxide (Na ₂ O)	0.006
Titanium Dioxide (TiO ₂)	0.024
Potassium Oxide (K ₂ O)	0.121
Loss on Ignition	0.11

Screen Analysis⁽²⁾

3 σ Range

Average

on 30	0.0-0.4	0.1
on 40	3.5-9.6	6.6
on 50	12.1-25.2	18.6
on 70	19.9-29.9	24.9
on 100	17.6-32.4	25
on 140	9.0-23.5	16.2
on 200	2.4-11.6	7
on 270	0.3-2.1	1.2
Pan	0.0-0.8	0.4
Calculated AFS #	53.8-84.0	68.9

Shipping Point

Overton, NV

(1) Percent unless otherwise noted

(2) USA Standard Testing Screens ASTM E-11 specification

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