



ELIOT QC LABORATORY
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LAPIS LUSTRE DRIED SAND

PHYSICAL PROPERTIES

COLOR	GRAY TO AMBER
UNIT WEIGHT	100 pounds per cubic foot
BULK SPECIFIC GRAVITY (Dry)	2.61
APPARENT SPECIFIC GRAVITY	2.65
ABSORPTION	0.5 percent
MOH HARDNESS	6 to 7
ACID SOLUBILITY	0.5 percent (AWWA B100-01, SEC 5.3.1)
SPHERICITY	0.5-0.6
ROUNDNESS	0.5-0.6

CHEMICAL ANALYSIS (Dry Basis)

Aluminum as Al₂O₃	10.2 percent
Calcium as CaO	0.96 percent
Chlorine as Cl	0.018 percent
Flourine as F	0.01 percent
Iron as Fe₂O₃	0.79 percent
Magnesium as MgO	0.08 percent
Potassium as K₂O	3.84 percent
Combined Silica as SiO₂	80.2 percent
Sodium as Na₂O	2.3 percent
Sulfur as SO₂	0.02 percent
Titanium as TiO₂	0.06 percent
Loss on Ignition	0.55 percent
Asbestos	NONE
Total Siliceous Material	90.6 percent

Revised 4/24/09 per test results dated 7/17/08

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