



Chemistry Connection
253 Sturgis Road
Conway, AR 72034

Typical Analysis

Product Name: GRADE 100 SODA ASH

The MUL (maximum use level) is 150 mg/L under NSF/ANSI Standard 60

PROPERTY INSPECTION METHOD	SPECIFICATION	TYPICAL RESULTS
Container Identification		
Arsenic, as As, ppm	3.000 Max	0.049
Heavy Metals, 10 ppm max		PASS
Iron, as Fe ₂ O ₃ , ppm	20.0 Max	3.9
Loss On Ignition, 250 oC, %	0.80 Max	0.16
Sodium Chloride as NaCl, %	0.100 Max	0.042
Sodium Sulfate, as Na ₂ SO ₄ , %	0.100 Max	0.006
Total Alkalinity as Na ₂ CO ₃ , %	99.20 Min	99.77
Total Alkalinity as Na ₂ O, %	58.00 Min	58.35
Bulk Density, lbs/ft ³	44.0 - 54.0	48.4
US +30 Mesh, Cumulative %		2.2
US +40 Mesh, Cumulative %	25.0 Max	13.4
US +100 Mesh, Cumulative %		89.7
US +200 Mesh, Cumulative %	93.0 Min	99.4

Water Insolubles <0.05%