

SAMPLE

Certificate of Analysis

1 of 3



Shipped to:	Order #	:
	Customer PO	:
	Net weight	:
Ship Date:	Certificate Date:	

Product: USP NO.5 SODIUM BICARB, 50 LB BG
Retest Date of 3 Years from the Manufacturing Date on the COA, Not Intended for Active Pharmaceutical Ingredient (API) Use.

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

PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH/Mfg.Dt
Container Identification		23-342
Ammonia, Pass/Fail, 20 ppm max		PASS
Arsenic, USP, 2 ppm max		PASS
Bicarbonate Ion, USP, P/F		PASS
Cadmium, as Cd, ppm	PPM	< 0.01
Normal		PASS
Carbonate, USP, Pass/Fail		
Chloride, USP Test, 150ppm max		PASS
Insolubles, USP (Pass/Fail)		PASS
Iron, as Fe, ppm	PPM	0.96
Lead, as Pb, ppm	PPM	0.06
Loss on drying, %	0.25 PCT Max	0.00
Mercury, as Hg, ppm	PPM	< 0.50

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PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH/Mfg.Dt
Sodium Bicarbonate, NaHCO ₃ , %	99.00 - 100.50 PCT	99.95
Sodium ion, USP, P/F		PASS
Sulfur Compounds, 150 ppm max		PASS
Bulk Density, lbs/ft ³	LCF	65.9
US +50 Mesh, Cumulative %	PCT	3.6
US +60 Mesh, Cumulative %	0.0 - 30.0 PCT	25.6
US +70 Mesh, Cumulative %	PCT	58.4
US +80 Mesh, Cumulative %	PCT	87.8
US +100 Mesh, Cumulative %	50.0 - 100.0 PCT	97.5
US +170 Mesh, Cumulative %	90.0 - 100.0 PCT	99.6
US +200 Mesh, Cumulative %	PCT	99.7



genesisalkali

Genesis Alkali Wyoming, LP
1735 Market Street
Philadelphia PA 19103

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PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH/Mfg.Dt
US +325 Mesh, Cumulative %	PCT	99.7