



FOR CUSTOMER SERVICE PLEASE CALL: 1-800-323-7107

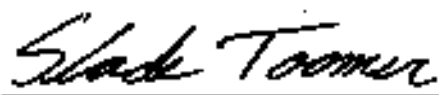
Certificate of Analysis

Shipped to: DUDA ENERGY LLC 1112 BROOKS ST SE DECATUR AL 35601	Order # : 1977716 Delivery # : 4847616 Customer PO : 577 NET WEIGHT : 41,650 LB
Fax to: diesel Ship Date: 15-Jan-2018	Certificate Date : 17-Jan-2018

Product: USP NO.1 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 100 mg/L under NSF/ANSI Standard 60

PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH: 0001466375 MFG. DATE: 08-Jan-2018	BATCH: 0001466607 MFG. DATE: 09-Jan-2018
Container Identification Ammonia, Pass/Fail, 20 ppm max Arsenic, USP, 2 ppm max Sodium Bicarbonate, NaHCO ₃ , % Bicarbonate Ion, USP, P/F Cadmium, as Cd, ppm Calcium, as Ca, ppm Chloride, USP Test, 150ppm max Heavy Metals, USP, 5 ppm max. Insolubles, USP (Pass/Fail) Iron, as Fe, ppm Lead, as Pb, ppm Loss on drying, % Magnesium, as Mg, ppm Mercury, as Hg, ppm Normal Carbonate, USP, Pass/Fail Sodium ion, USP, P/F	99.00 - 100.50 0.25 Max	18-008 PASS PASS 100.00 PASS < 0.01 68 PASS PASS PASS 0.29 0.03 0.00 22 < 0.50 PASS PASS	18-009 PASS PASS 100.02 PASS < 0.01 88 PASS PASS PASS 0.29 0.03 0.00 24 < 0.50 PASS PASS

Authorized By:



Manufacturing Location:
Genesis Alkali, LLC
Highway 374
P.O. Box 872
Green River, WY 82935
U.S.A



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Sulfur Compounds, 150 ppm max		PASS	PASS
Bulk Density, lbs/ft3		59.6	59.2
US + 100 Mesh, Cumulative %	0.0 - 2.0	0.0	0.1
US + 200 Mesh, Cumulative %	20.0 - 45.0	27.2	32.7
US + 325 Mesh, Cumulative %	60.0 - 100.0	66.7	68.9

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