



FOR CUSTOMER SERVICE PLEASE CALL: 215-845-4512

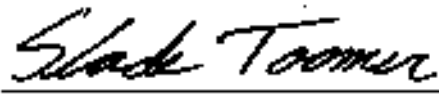
Certificate of Analysis

Shipped to: DUDA ENERGY LLC 1112 BROOKS ST SE DECATUR AL 35601	Order # : 2013701 Delivery # : 4937625 Customer PO : 818 NET WEIGHT : 41,650 LB
Fax to: diesel Ship Date: 31-May-2019	Certificate Date : 31-May-2019

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: 0001533122 MFG. DATE: 27-May-2019
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 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 Sulfur Compounds, 150 ppm max	99.00 - 100.50 0.25 Max	19-149 PASS PASS 100.02 PASS < 0.01 57 PASS PASS 0.76 0.07 0.00 21 < 0.50 PASS 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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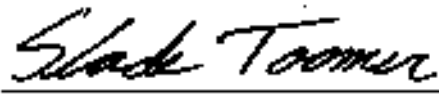
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PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH: 0001533122 MFG. DATE: 27-May-2019
Bulk Density, lbs/ft3		62.2
US + 100 Mesh, Cumulative %	0.0 - 2.0	0.3
US + 200 Mesh, Cumulative %	20.0 - 45.0	36.0
US + 325 Mesh, Cumulative %	60.0 - 100.0	77.5

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