



FOR CUSTOMER SERVICE PLEASE CALL: 215-845-4512

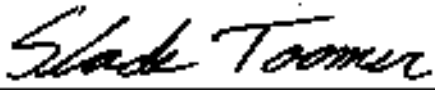
**Certificate of Analysis**

<b>Shipped to:</b> DUDA ENERGY LLC 1112 BROOKS ST SE DECATUR AL 35601	<b>Order #</b> : 2001496 <b>Delivery #</b> : 4907593 <b>Customer PO</b> : 778 <b>NET WEIGHT</b> : 41,650 LB
<b>Fax to:</b> diesel <b>Ship Date:</b> 27-Dec-2018	<b>Certificate Date</b> : 27-Dec-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: 0001512264 MFG. DATE: 14-Dec-2018
<b>Container Identification</b> Ammonia, Pass/Fail, 20 ppm max Arsenic, USP, 2 ppm max Sodium Bicarbonate, NaHCO3, % 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	<b>18-348</b> PASS PASS 100.03 PASS < 0.01 45 PASS PASS 1.05 0.04 0.01 17 < 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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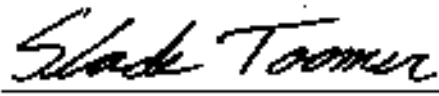
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PROPERTY INSPECTION METHOD	SPECIFICATION	BATCH: 0001512264 MFG. DATE: 14-Dec-2018
Bulk Density, lbs/ft3		62.0
US + 100 Mesh, Cumulative %	0.0 - 2.0	0.1
US + 200 Mesh, Cumulative %	20.0 - 45.0	32.9
US + 325 Mesh, Cumulative %	60.0 - 100.0	72.2

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