



### Quality Certificate

BRENNTAG BEDFORD  
1155 LITTLE OTTER DR  
BEDFORD VA 24523  
USA

Ship Date  
07/06/2018  
PO No.  
786651  
Order No.  
1391350-000010  
Customer number  
39690  
Plant: Lake Charles South

Delivery Item.  
82157188-900001  
Shipment  
20378337  
Net Wt  
42,000.000 LB

Customer Contact:  
Vessel Id: 690614

Material: 80006337 CAU SODA PELS 50 LB BAG

Batch: LCF2818 Package Qty: 840 BAG

Property	Unit	Value	Lower Limit	Upper Limit	Method
Fe	ppm	4.5		15.0	ICP
Hg	ppb	0.0		100.0	NP 04 18
Na2CO3	%wt	0.33		1.60	CD-27-1
Na2O	%wt	76.84	74.40		CD-27-1
NaCl	%wt	0.01		2.20	CD-18-9B
NaOH	%	98.92	96.00		CD-27-1
Ni	ppm	0.8		9.0	ICP
Thru 16 Mesh	%wt	98.8	90.0		NP-05-14
Thru 60 Mesh	%wt	0		2	NP-05-14

**Material Sales Text**

Seal No: 2287

NSF/ANSI Drinking Water Treatment Chemicals-This product is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals-Health Effects. The maximum use level for potable water is 100 mg/L.



*The test results herein are believed to be accurate but are laboratory tests based on limited sampling which do not necessarily simulate actual use conditions. The shipped goods are delivered in their present condition as is without warranty. NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES OF ANY KIND ARE MADE, AND WESTLAKE SPECIFICALLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE. Westlake shall not be liable for any use or handling of any material beyond Westlake's direct control.*

Date : 07/06/2018  
Time : 11:19:26

Required Signature

*Seri Angelini*

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.