



TATA CHEMICALS (SODA ASH) PARTNERS



CERTIFICATE OF ANALYSIS

MAXIMUM USE LEVEL 200mg/L
No. 5200000261-99000101
Tel (800) 819-8568

To: C&D Green River Bagging - TCSAP

Product: 99000101

Church & Dwight
Alchem Road
Green River, WY 82935

Lot #: Bulk Dense Soda Ash

E5083152

Analyzed: 2025-03-24	Order #: 5200000261	Net Weight: 217550 LB
Shipped: 2025-04-04	PO #:	98678.94 KG
Daily Composite	Ship ID: DJTX 515152	Manufactured: 2025-03-22
		Bagging Car Meets FCC Analysis

Results

Analysis	Specification	Value	Unit	Method
Assay (Na ₂ CO ₃)	Min. 99.50 %	99.84	%	GRAM-200
Assay (Na ₂ O%)		58.41	%	GRAM-200
Weight Loss (at 250 °C)		0.07	%	GRAM-208
Water Insoluble (H ₂ O Insol)	Max. 0.0200 %	0.0040	%	
Chloride (NaCl)	Max. 0.0400 %	0.0168	%	GRAM-209
Sulfate (SO ₄)		0.0470	%	GRAM-210A
Sulfate (Na ₂ SO ₄)		0.0695	%	GRAM-210A
Silica (SiO ₂)	Max. 0.03 %	0.02	%	GRAM-211
Organics (TOC)	Max. 0.0100 %	0.0056	%	GRAM-212
Bulk Density (lbs/ft ³)	62.4 — 68.6 lbs/ft ³	64.5	lbs/ft ³	GRAM-202
+20 (Cumulative)		0.2	%	
+30 (Cumulative)	Max. 4.0 %	0.5	%	
+40 (Cumulative)		5.3	%	
+60 (Cumulative)		47.6	%	
+100 (Cumulative)	Min. 85.0 %	88.5	%	
+200 (Cumulative)	Min. 98.0 %	99.1	%	
Iron		2.3	ppm	GRAM-213 (Monthly Comp Analysis)
Arsenic		0.13	ppm	GRAM-215 (Monthly Comp Analysis)
Heavy Metals (as Pb)		4	ppm	GRAM-216 (Monthly Comp Analysis)
Calcium		50	ppm	(Monthly Comp Analysis)
Magnesium		12	ppm	(Monthly Comp Analysis)

Certified By: _____

2025-04-03

Tata Chemicals Soda Ash Partners I-80 (20 Miles West of Green River) Green River, WY 82935