



CHURCH & DWIGHT CO., INC.

2501 E. CR 34 - P.O. BOX 122 OLD FORT, OH. 44861 USA Customer Service Number: (800) 631-5591

CERTIFICATE OF ANALYSIS

Customer: UNIVAR SOLUTIONS USA INC. DALLAS		Lot Number: FF5134	
Street: 10889 BEKAY ST		Date of Manufacture: 05/14/2025	
City/State/Country/Zip: DALLAS / TX / US / 75355		Product: SBC USP 1 Grade	
		SAP number: 40002244	
Shipping Information:			
Order Number: 15595963	P.O. Number: 4527623541	Packaging: Bag	Quantity: 825
Trailer Number:	Release Number:		
Analysis:			
Description	Specification	Result	
Dried Basis % Sodium Bicarbonate Assay	99.0% to 100.5%	99.8 %	
SBC Chloride	NMT 0.015%	Pass	
Arsenic (As)*	NMT 0.9 PPM	< 0.1 PPM	
Cadmium (Cd)*	NMT 0.3 PPM	< 0.02 PPM	
Lead (Pb)*	NMT 0.3 PPM	< 0.1 PPM	
Mercury (Hg)*	NMT 1 PPM	< 0.04 PPM	
Identification - Bicarbonate	Effervesces in acid, gas precipitates in Ca(OH)_2 TS. Cold solution unchanged/slight colored	Pass	
Identification - Sodium	No Precipitate with K_2CO_3 . Dense precipitate with $\text{H}_2\text{K}_2\text{O}_7\text{Sb}_2$	Pass	
Insoluble Substances	1:20 Complete and clear	Pass	
Ammonia	NMT 20 PPM	Pass (see remarks)	
Limit of Sulfur Compounds	NMT 0.015%	Pass	
% Loss on Drying	NMT 0.25%	< 0.01 %	
Normal Carbonate	Solution does not assume more than a faint pink color immediately	Pass	
Other Testing:			
Description	Specification/Limits	Result	
pH - 1% Solution	8.0 to 8.6	8.1	
Cumulative % Retained on 100 Mesh Screen	0% to 2%	0.5	
Cumulative % Retained on 200 Mesh Screen	20% to 45%	35	
Cumulative % Retained on 325 Mesh Screen	60% to 100%	71	
Remarks:			
Meets specification of the current USP/FCC. Stability from date of manufacture: 3 years minimum. This product does not require Residual Solvents testing, under the USP-NF<467> stipulation that based on the manufacturer's knowledge of the manufacturing process and controlled handling & storage of the product there is no potential for the specific toxic solvents to be present. Ammonia is not used in the manufacturing process for Church & Dwight sodium bicarbonate. Controlled handling & storage of the product ensure that ammonia will not exceed the USP limit. Elemental Impurities limits from USP <232>, Table 3, Oral Drug Products. *Determined by ICP, C&D Method TM *74505 for Elemental Impurities. Ammonia is not used in the manufacturing process for Church & Dwight Sodium Bicarbonate. Limit of Ammonia is based on risk analysis and in-process controls.			
Comments:			



Date: 05/15/2025

Data Reviewed By:

Matthew Meyer

Q.C. Supervisor or Designate

