



500 S. 500 W Bld 1
 North Lindon, UT 84020
 (385)-263-1903
 AXIOSUPPLY.COM

SODIUM BICARBONATE - CERTIFICATE OF ANALYSIS

		Lot Number: FG44905						
		Date of Manufacture: 8-FEB-2022						
		Grade: SBC USP One						
Shipping Information								
Order Number:	45554	Quantity:	2000 Lbs					
Expiration date:	7-FEB-2025	Customer Service Number						
USP ANALYSIS								
Description	Specification	Result						
Identification-Sodium	No precipitate with K ₂ CO ₃ Dense precipitate with H ₂ K ₂ O ₂ Sb ₂	Passes test						
Identification-Bicarbonate	Effervesce in acid, gas precipitates in Ca(OH) ₂ TS	Passes test						
Identification-Bicarbonate	Cold Solution Unchanged/slight colored	Passes test						
Normal Carbonate	Solution does not assume more than a pink color immediately	Passes test						
Insoluble Substances	1:20 Complete and clear	Passes test						
Sodium Bicarbonate Assay	Not less than 99.0 and not more than 100.5%	100.00%						
Loos on Drying	Not more than 0.25%	Not more than 0.25 %						
Limit of Ammonia	Not more than 20 ppm	N/A see remarks						
Elemental Impurities- Cadimium *	Not more than 0.5 ppm, LOQ ≤ 0,02 PPM	<LOQ ppm						
Lead *	Not more than 0.5 ppm, LOQ ≤ 0.1 PPM	<LOQ ppm						
Arsenic *	Not more than 1.5 ppm, LOQ ≤ 0.1 PPM	<LOQ ppm						
Mercury *	Not more than 1.0 ppm, LOQ ≤ 0,04 PPM	<LOQ ppm						
Chloride	Not more than 0.0150%	Not more than 0.0150 %						
Limit Of Sulfur Compou	Not more than 0.0150%	Not more than 0.0150 %						
Other Testing								
Test		Result						
Particle Size Distribution	C&O 00000000314	Cumulative (rotap) % Retained on Mesh						
		100	200	325				
		Cumulative % Ret						
		0	35	75				
		Min - Max						
		% Fraction Ret						
0-2	20-45	60-100			0	35	40	
		% Fraction Thru						
		100	65	25				
Ph 8.17								
Remarks								
<p>This information is presented in good faith. Representative samples of this lot have been collected, analyzed and found to meet specified limits. The same tests performed on other samples from this lot may show slightly different results due to statistical variability within the production lot.</p>								

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