



CHURCH & DWIGHT CO., INC.

2601 E. CR 34 - P.O. BOX 122 OLD FORT, OH. 44881 USA Ph: (419) 992-4244 Fax: (419) 992-4413

SODIUM BICARBONATE - CERTIFICATE OF ANALYSIS

DATE OF MANUFACTURE

Nov. 4, 2015

GRADE

USP 1 HEMODIALYSIS

SHIPPING INFORMATION

ITEM SACK

QUANTITY

15

CUSTOMER SERVICE NUMBER:

(800) 631-5691

CHEMICAL ANALYSIS

CARBON DIOXIDE (CALCULATED) (51.86 - 52.65%)	52.18 %	NORMAL CARBONATE	
ALKALI TOTAL (CALCULATED) (36.52 - 37.08%)	36.75 %	(NMT FAINT PINK TO PHENOLPHTHALEIN)	PASSES TEST
SODIUM BICARBONATE ASSAY (99.0 - 100.5%)	99.6 %	DESCRIPTION	
ARSENIC	< 2 PPM	(WHITE CRYSTALLINE POWDER)	PASSES TEST
HEAVY METALS (AS LEAD)	< 2 PPM	IDENTITY	
LOSS ON DRYING	< 0.25 %	(IMPARTS YELLOW FLAME)	PASSES TEST
CHLORIDE	< 0.015 %	(CO2 EVOLUTION IN ACID)	
LIMIT OF SULFUR COMPOUNDS	< 0.015 %	(COLD SOLUTION UNCOLORED)	PASSES TEST
ALUMINUM	< 2 PPM	BY PHENOLPHTHALEIN)	PASSES TEST
COPPER	< 1 PPM	INSOLUBLE SUBSTANCES	
CARBONATE	< 0.23 %	(1:20 COMPLETE AND CLEAR)	PASSES TEST
IRON	< 5 PPM	AMMONIA	
ORGANICS	< 0.01 %	(HEATED SAMPLES EVOLVES	
CALCIUM	< 0.01 %	NO ODORS)	PASSES TEST
MAGNESIUM	< 0.004 %		

	100	200	325
CUMULATIVE % RET	0.05	34.30	71.40
%FRACTION RET	0.05	34.25	37.10
%FRACTION THRU	99.95	65.70	28.60

SPEC# RM-001M REV. 10.0 PART# 55-1531



Meets specification of current USP and FCC. 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 and storage of the product there is no potential for the specific toxic solvents to be present if tested. Ammonia is not used in the manufacturing process for Church & Dwight Sodium Bicarbonate. Controlled handling and storage of the product insure that ammonia will not exceed the USP limit. Calcium, Magnesium, Aluminum, and Copper may be determined by ICP, C&D Method ZTM *74505. Stability greater than 3 years.

DATE Nov. 5, 2015

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BY

Robert M. [Signature]
QUALITY CONTROL LABORATORY