BIOSPECTRA

100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

Effective Date:	10-Jun-2019		10-Jun-2022	: Date of Next Review
Prepared By:	Kyle Snyder		19-002798 v.1.1	: Supersedes
QA/QC Approval:	Carissa McCollian		Amy Yencho	: Management Approval
Reason for Revision:	See Revision History in ensur			

SODIUM HYDROXIDE 10N

CERTIFICATE OF ANALYSIS

BIO PHARMA GRADE / NH4150-L004

LOT: NH4150-005-0719

NaOH ⅄ F.W. 40.00 g/mol. ⅄ CAS# 1310-73-2

Manufacture Date: 5/23/2019 Expiration Date: 5/31/2021
Manufacturing Site: 100 Majestic Way, Bangor PA, 18013
Packaging Date: 7/3/2019
Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear / Colorless Liquid	Clear / Colorless Liquid
Chloride	≤ 5 ppm	≤ 5 ppm
Endotoxins	≤ 2.0 EU/mL	≤ 2.0 EU/mL
Heavy Metals (as Pb)	≤ 1 ppm	≤ 1 ppm
Iron	≤ 2 ppm	≤ 2 ppm
Normality	9.9N – 10.1N	10.0 N
Sodium Carbonate	≤ 0.6%	≤ 0.6 %

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: 19-002773

INTENDED USE: Material represented by this Certificate of Analysis is suitable to be used only as the following: IPEC Compliant GMP Manufactured Chemical, for use in further Manufacturing or as a Reagent for Laboratory and Research. The material represented by this Certificate of Analysis is not suitable to be used as an Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

Prepared by: _____ Date: 7/3/19

Reviewed by: H. B. _____ Date: 7/3/19

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