

BIOSPECTRA

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

Effective Date:	14-Apr-2020	14-Apr-2023	: Date of Next Review
Prepared By:	Amy Saam	18-002743 1.1	: Supersedes
QA/QC Approval:	Hannah Bernier	Amy Yencho	: Management Approval
Reason for Revision:	See Revision History in ensur.		

CERTIFICATE OF ANALYSIS

SODIUM HYDROXIDE 25%

BIO PHARMA GRADE / NH4151 – SAMPLE COA

LOT: NH4151-001-0520

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

Manufacturing Date: 5/13/2020 Retest Date: 5/31/2022

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Date: Sample CoA Packaging Site: Sample CoA

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear/Colorless Liquid	Clear/Colorless Liquid
Assay (NaOH)	24.5 – 25.5%	25.5 %
Chloride (Cl)	≤ 5 ppm	≤ 5 ppm
Endotoxin	≤ 2.0 EU/mL	≤ 2.0 EU/mL
Heavy Metals (as Pb)	≤ 1 ppm	≤ 1 ppm
Iron (Fe)	≤ 0.500 ppm	≤ 0.500 ppm

COUNTRY OF ORIGIN: U.S.A.

TEST METHOD REFERENCE: DCN: 19-002931

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a GMP process chemical. It is manufactured in accordance with the IPEC-PQG Joint Good Manufacturing Practice Guide. 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: Cem Date: 5/14/20 Job Title: QA SupervisorReviewed by: Amy Y Date: 5/14/20 Job Title: Exec. Director of QC