

BIO SPECTRA

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

Effective Date:	3-Feb-2025	3-Feb-2028	: Date of Next Review
Prepared By:	Taylor Yurick	BSI-COA-0133 v.3.1	: Supersedes
QA/QC Approval:	Jaron Hughes	Carissa Albert	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS

SODIUM HYDROXIDE 2N

BIO PHARMA GRADE / NAHY-4123

LOT: NAHY-E05-0325-0018

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

Manufacturing Date: 1/29/25 Retest Date: 1/31/27

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Site: 100 Majestic Way, Bangor PA, 18013

ANALYSIS	SPECIFICATION	TEST RESULT
Appearance and Color	Clear/Colorless Liquid	Clear/Colorless Liquid
Chloride (Cl)	≤ 5 ppm	≤ 5 ppm
Endotoxins	≤ 2.0 EU/mL	< 0.5 EU/mL
Heavy Metals (Pb)	≤ 1 ppm	≤ 1 ppm
Normality	1.990-2.010 N	2.000 N
Trace Metals (Iron)	≤ 0.5 ppm	≤ 0.5 ppm

COUNTRY OF ORIGIN: U.S.A.TEST METHOD REFERENCE: DCN: BSI-ATM-0044

INTENDED USE: Material represented by this Certificate of Analysis is suitable for use as a 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: Emily R. Date: 4/3/25 Job Title: QA Tech I

Reviewed by: David McCall Date: 4/3/25 Job Title: QA Tech III