

BIOSPECTRA

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

Effective Date:	11 SEP 2023	11 SEP 2026	: Date of Next Review
Prepared By:	Virginia Pena	BSI-COA-0132 v.2.0	: Supersedes
QA/QC Approval:	Carissa Albert	James Piper	: Management Approval
Reason for Revision:	See Revision History in MasterControl.		

CERTIFICATE OF ANALYSIS

SODIUM HYDROXIDE 5N

BIO PHARMA GRADE / NAHY-4124-78

LOT: NAHY-E05-1024-0000

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

Manufacturing Date: 10/14/24 Expiration Date: 10/31/26

Manufacturing Site: 100 Majestic Way, Bangor PA, 18013

Packaging Date: MM/DD/YY

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	<0.05 ppm
Normality	4.95-5.05N	4.98 N
Trace Metals (Iron)	≤ 0.5 ppm	<0.50 ppm

COUNTRY OF ORIGIN: U.S.A.TEST METHOD REFERENCE: DCN: BSI-ATM-0043

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: Carissa Albert Date: 12/5/24 Job Title: Senior Quality ManagerReviewed by: James Piper Date: 12/5/24 Job Title: QA Supervisor