

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

HEPES Free Acid

PRODUCT NUMBER

IB01130 _____ 50gm
IB01131 _____ 250gm
IB01132 _____ 500gm
IB01133 _____ 1kg

LOT NO.

Lot# _____ 22L1004

CAS NO.

CAS# _____ 7365-45-9

STORAGE

Store at room temperature. Protect from moisture.

SPECIFICATIONS

	Specification	Analysis	Disposition
Assay (titration)	Min. 99.5%	99.7%	PASS
Appearance	White crystalline powder	PASS	PASS
DNase assay	PASS / FAIL	None detected	PASS
Protease assay	PASS / FAIL	None detected	PASS
RNase assay	PASS / FAIL	None detected	PASS
Endotoxin (0.2% solution)	<0.1 EU/mL	PASS	PASS
pH	4.8 - 5.6	5.1	PASS
Residue on Ignition	<0.1%	PASS	PASS
Heavy Metals	Max. 5 ppm	PASS	PASS
Fe (Iron)	Max. 5 ppm	PASS	PASS
Cl (Chlorine)	Max. 100 ppm	PASS	PASS
A405 (1 M Water)	< 0.015	0.011	PASS
Solubility 1 M Water	Clear, colorless solution	PASS	PASS
Abs. (260nm)(1 M)	Max. 0.05	0.037	PASS
Abs. (280nm)(1 M)	Max. 0.05	0.019	PASS
pKa (@20C)	7.35 - 7.69	7.50	PASS

DATE OF

Expiration Date: _____ 07/18/2025

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood
Quality Control

11/03/22
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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