

# Certificate of Analysis



SCIENTIFIC

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## MOPS, FREE ACID Ultra Pure

### PRODUCT NUMBER

IB70170 \_\_\_\_\_ 100gm

### LOT NO.

Lot# \_\_\_\_\_ 21B3005

### STORAGE

Store at room temperature.

### CAS NO.

CAS# \_\_\_\_\_ 1132-61-2

### SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	PASS/FAIL	White Powder	PASS
pH (1% in water)	3.6 - 4.4	4.3	PASS
Heavy Metals (as Pb)	PASS / FAIL	≤ 5ppm	PASS
IR (conforms to known standard)	PASS / FAIL	PASS	PASS
Moisture	≤ 1.0%	0.2%	PASS
pKa (@25°C)	7.0 - 7.4	7.3	PASS
Solubility (33% in water)	PASS/FAIL	Clear and Complete	PASS
UV Absorbance (0.1M solution, 260nm)	≤ 0.05	0.00	PASS
UV Absorbance (0.1M solution, 280nm)	≤ 0.03	0.00	PASS
Assay (on dried basis)	≥ 99.5%	100.0%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 02/17/2021

Reassay Date: \_\_\_\_\_ 11/2025

### 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.

Toby Frericks  
Quality Control

05/10/21  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

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