

# Certificate of Analysis



SCIENTIFIC

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## FORMAMIDE Ultra Pure - Molecular Biology Certified

### PRODUCT NUMBER

IB72024 \_\_\_\_\_ 450ml

### LOT NO.

Lot# \_\_\_\_\_ 23M1005

### STORAGE

Store at +4°C in the dark. Warm to room temperature prior to opening. Formamide is packaged under nitrogen. When exposed to oxygen, formamide breaks down into formic acid and ammonia, which can degrade nucleic acid samples. Bottles that have been opened and stored should be deionized prior to use, by mixing 1gm of mixed bed resin per 10ml of formamide for 30 minutes.

### CAS NO.

CAS# \_\_\_\_\_ 75-12-7

### SPECIFICATIONS

	Specification	Analysis	Disposition
Solubility (in diH <sub>2</sub> O)	Clear, colorless solution	Clear, colorless solution	PASS
RNase Assay	PASS / FAIL	None Detected	PASS
Purity	> 99%	> 99%	PASS
Particulate	No Particulate	No Particulate	PASS
Insolubility (in Toluene)	Insoluble	Insoluble	PASS
Heavy Metal Content	< 10ppM	< 10ppM	PASS
Freezing Point	1 - 3°C	1.0°C	PASS
DNase Assay	PASS / FAIL	None Detected	PASS
delta pH	± 0.7	+ 0.28	PASS
Conductivity	< 12µmho	4.31µmho	PASS
Absorbance (A <sub>360</sub> )	< 0.05	0.003	PASS
Absorbance (A <sub>280</sub> )	< 0.05	0.013	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 12/01/2023

### 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

12/05/23

Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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