

# Certificate of Analysis



SCIENTIFIC

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## FORMAMIDE Spectral Grade

### PRODUCT NUMBER

IB72020 \_\_\_\_\_ 100ml  
IB72024 \_\_\_\_\_ 500ml

### LOT NO.

Lot# \_\_\_\_\_ 19C0153

### 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 |
|----------------|---------------|---------------|-------------|
| Abs. @280nm    | ≤ 0.08        | 0.02          | PASS        |
| Conductivity   | ≤ 100µmhos    | 21µmhos       | PASS        |
| Copper         | ≤ 0.00001%    | < 0.00001%    | PASS        |
| DNase assay    | PASS / FAIL   | None detected | PASS        |
| Freezing Range | 1 - 3°C       | 3             | PASS        |
| Iron           | ≤ 0.0005%     | < 0.0001%     | PASS        |
| Lead           | ≤ 0.00005%    | < 0.00005%    | PASS        |
| Protease assay | PASS / FAIL   | None detected | PASS        |
| Purity         | ≥ 99.0%       | 99.9%         | PASS        |
| RNase assay    | PASS / FAIL   | None detected | PASS        |
| Zinc           | ≤ 0.00005%    | < 0.00005%    | PASS        |

### DATE OF

Manufacture Date: \_\_\_\_\_ 04/10/2019

Reassay Date: \_\_\_\_\_ 04/30/2020

### 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

06/24/19  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.