



# Certificate of Analysis

## FORMAMIDE Spectral Grade

<u>Catalog #</u> IB72020	<u>Size</u> 100 ml
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**Catalog Number:** IB72020

**Lot Number:** 18F0155

**Molecular Formula:** CH<sub>3</sub>NO

**Molecular Weight:** 45.04

**Appearance:** Clear, viscous liquid

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Purity	99.0		99.9	%	PASS
Conductivity		100	10	umhos	PASS
Abs. @280nm		0.08	0.02		PASS
Freezing Range	1	3	2	°C	PASS
Iron		0.0005	0.000019	%	PASS
Copper		0.00001	<0.00001	%	PASS
Lead		0.00005	<0.00005	%	PASS
Zinc		0.00005	<0.00005	%	PASS
DNase		NONE	NONE	P/F	PASS
RNase		NONE	NONE	P/F	PASS
Protease		NONE	NONE	P/F	PASS

### Storage

Store at +4°C in the dark. Warm to room temperature prior to opening. Formamide is supplied distilled, deionized, and 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 formamide for 30 minutes.

*This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.*

Signature: Toby Frericks  
Date: 10/04/2018