



Product Specifications

FORMAMIDE Spectral Grade

<u>Catalog #</u>	<u>Size</u>
IB72020	100ml
IB72024	500ml

Physical Specifications

CAS#	75-12-7
Formula Weight	45.04
Molecular Formula	CH ₃ NO
Purity	Min. 99.0%
Conductivity	Max. 100µmho
A ₂₈₀	Max. 0.08
Iron	<0.0005%
Copper	<0.00001%
Lead	<0.00005%
Zinc	<0.00005%

Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

Recommended Use

Used as a denaturant in hybridization and electrophoresis applications.

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.

Warning

Irritant/Lachrymator/Suspected mutagen. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. If contact should occur, wash with copious amounts of water. See Material Safety Data Sheet for additional information.