

## Formamide (Deionized)

Store at 4°C or in aliquots at -20°C.

<b>Catalog #:</b>	AM9342	AM9344
<b>Amount:</b>	500 g	5 x 500 g
<b>Appearance:</b>	Clear and colorless liquid	
<b>Molecular Weight:</b>	45.04	
<b>Molecular Formula:</b>	HCONH <sub>2</sub>	
<b>Chemical Analysis:</b>	Purity (GC)	≥99.5%
	A <sub>280</sub>	≤0.05
	Conductivity	≤100 µohm
	DNase and RNase	None present

**Caution:** Avoid contact with eyes, skin, and clothing. Wash thoroughly with water after handling.

**Storage Conditions:** Store at 4°C; to lengthen storage time and minimize decomposition, store in aliquots at -20°C.

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### USER INFORMATION

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**Product Description:** Ambion® Formamide is deionized, has a conductivity of less than 100 µmho, and may be used straight from the bottle, after warming to room temperature, for most applications when stored at 4°C and used within three months of purchase. Decomposition products of formamide can degrade nucleic acids. Ambion formamide is packed under argon in amber bottles to reduce the rate of decomposition. Formamide can be deionized by treatment with ion exchange resin. For critical applications we recommend redeionization of frequently opened bottles.

**Reference:** Fritsch, Sambrook and Maniatis, *Molecular Cloning, A Laboratory Manual* (Second Edition), 1989.

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### QUALITY CONTROL

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**Quality Verification:** Specifications listed in this document have been verified to pass all criteria.

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### OTHER INFORMATION

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**Material Safety Data Sheets:** Material Safety Data Sheets (MSDSs) for any chemical product supplied by Applied Biosystems or Ambion are available 24 hours a day. At [www.appliedbiosystems.com](http://www.appliedbiosystems.com), select Support, then MSDS. Search by chemical name, product name, product part number, or MSDS part number. Right-click to print or download the MSDS of interest. At [www.ambion.com](http://www.ambion.com), go to the web catalog page for the product of interest. Select MSDS, then right-click to print or download. Or, e-mail (MSDS\_Inquiry\_CCRM@appliedbiosystems.com), telephone (650-554-2756; USA), or fax (650-554-2252; USA) your request, specifying the catalog or part number(s) and the name of the product(s). We will e-mail the associated MSDSs unless you request fax or postal delivery. Requests for postal delivery require 1-2 weeks for processing.

**Warranty and Liability:** *For research use only. Not for use in diagnostic procedures.*

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