

Urea

Ultrapure MB Grade

Store at room temperature.

Catalog #:	AM9902	
Amount:	1 kg	
Appearance:	White crystalline powder	
Molecular Weight:	60.06	
Molecular Formula:	CH ₄ N ₂ O	
Chemical Analysis:	Purity	>99%
	Melting Point	132–135°C
	A ₂₈₀ of 5 M solution (water)	<0.05

Caution: **Irritant. Causes irritation to eyes, skin and mucous membranes. Avoid breathing dust. Wash thoroughly with water after handling.**

Storage Conditions: Store at room temperature. Protect from moisture.

USER INFORMATION

Product Description: This is an ultra pure molecular biology grade reagent used as a denaturing agent for nucleic acids and proteins. It is commonly used in electrophoresis of nucleic acids.

QUALITY CONTROL

Nonspecific Endonuclease Activity:	Meets or exceeds specification when a sample is incubated for 14–16 hr with 300 ng supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.
Exonuclease Activity:	Meets or exceeds specification when a sample is incubated for 14–16 hr with 40 ng labeled <i>Sau3A</i> fragments of pUC19 and analyzed by PAGE.
RNase Activity:	Meets or exceeds specification when a sample is incubated for 14–16 hr with 25 ng labeled RNA and analyzed by PAGE.
Functional Testing:	Molecular weight markers and plasmid DNA are run on a 5% acrylamide/8M Urea gel. All bands are sharp and intact.

OTHER INFORMATION

Material Safety Data Sheets: Material Safety Data Sheets (MSDSs) can be printed or downloaded from product-specific links on our website at the following address: www.ambion.com/techlib/msds. Alternatively, e-mail your request to MSDS_Inquiry_CCRM@appliedbiosystems.com. Specify the catalog or part number(s) of the product(s), and we will e-mail the associated MSDSs unless you specify a preference for fax delivery. For customers without access to the internet or fax, our technical service department can fulfill MSDS requests placed by telephone or postal mail. (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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