



Product Specifications

UREA

<u>Catalog #</u>	<u>Size</u>
IB72060	500gm
IB72064	2.5Kg

Physical Specifications

CAS#	57-13-6
Formula Weight	60.06
Empirical Formula	CH ₄ N ₂ O
Purity	Min. 99.5%
A ₂₈₀ (8.0 M, water)	Max. 0.05
Chloride	Max. 0.0005%
Iron	Max. 0.0001%
Heavy Metals	Max. 0.0005%
Cyanate	Max. 0.002%

Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected
Sequencing Gel Analysis	Pass
Biuret Test	Pass
Solubility (5m, Water)	Pass

Recommended Use

Urea is used as a nucleic acid and protein denaturant in polyacrylamide gel electrophoresis.

Storage

Store at room temperature. Protect from moisture.

Warning

Irritant. Causes irritation to eyes, skin and mucous membranes. Avoid breathing dust. Do not take internally. Wash thoroughly after handling. See Material Safety Data Sheet for additional information.