



Product Specifications

AMMONIUM ACETATE

<u>Catalog #</u>	<u>Size</u>
IB15620	500gm

Physical Specifications

CAS#	631-61-8
Molecular Formula	C ₂ H ₇ NO ₂
Molecular Weight	77.08
Purity	Min. 97.0%
Insoluble	Max. 0.005%
pH (5%, H ₂ O)	6.7–7.3
Heavy Metals	<0.0005%
Iron	<0.0005%
A280	Max. 0.01%
A354	Max. 0.01%

Molecular Biology Specifications

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

Recommended Use

A salt commonly used in the precipitation of nucleic acids. The presence of 2.5 M NH₄OAc in the precipitation reaction allows ionic contaminants to dissociate from the nucleic acids, allowing pure sample to be recovered.

Ammonium Acetate 10M stock solution

Dissolve 385gm of ammonium acetate in 400ml of H₂O. Adjust the volume to 500ml with H₂O. Sterilize by filtration.

Storage

Store at +4°C. Protect from moisture.

Warning

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