

## TMB 008 – AMMONIUM ACETATE

<b>REF NO:</b> TBL/QA/SS/LC/TMB 008	<b>STANDARD SPECIFICATION FOR AMMONIUM ACETATE</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 06/02/2025
<b>Issue Date:</b> 07/02/2022		<b>Product code:</b> TMB 008

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	631-61-8
<b>Chemical Formula</b>	C <sub>2</sub> H <sub>7</sub> NO <sub>2</sub>
<b>Formula weight</b>	77.08
<b>Functional Uses</b>	Ammonium acetate is used for routine precipitation of nucleic acids, and is especially useful for reducing the coprecipitation of unwanted dNTPs and contaminating oligosaccharides.
<b>Standard Packaging</b>	100 gm.& 500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Crystalline masses

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M in H <sub>2</sub> O at 25°C)	6.5 – 7.5
Residue on ignition	NMT – 1.0%
Chloride (Cl)	NMT – 0.0005%
Sulfate(SO <sub>4</sub> )	NMT – 0.001%
Iron(Fe)	NMT – 0.0002%
Lead (Pb)	NMT – 0.0005%
DNase/ RNase	Not detected
Assay	NLT – 98.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

