

## TMB 060 – POTASSIUM ACETATE

<b>REF NO:</b> TBL/QA/SS/LC/TMB 060	<b>STANDARD SPECIFICATION FOR POTASSIUM 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 060

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	127-08-2
<b>Chemical Formula</b>	C <sub>2</sub> H <sub>3</sub> KO <sub>2</sub>
<b>Formula weight</b>	98.14
<b>Functional Uses</b>	Potassium acetate is used in molecular biology to precipitate sodium dodecyl sulfate and SDS-bound proteins that result from SDS extraction protocols
<b>Standard Packaging</b>	100 gm. & 500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless crystals or white powder.
Solubility & Clarity	Soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M in H <sub>2</sub> O 25°C)	7.0 – 9.0
Chloride (Cl)	NMT – 0.005%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
DNase/ RNase	Not detected
Assay	NLT – 99.0%

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

