

## 3200 – POTASSIUM LACTATE 50%

REF NO: TBL/QA/SS/LC/3200	<b>STANDARD SPECIFICATION FOR POTASSIUM LACTATE 50%</b>	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date: 15/11/2021		Product code: 3200

### PRODUCT PROPERTIES

C.A.S Number	996-31-6
Chemical Formula	C <sub>5</sub> H <sub>5</sub> KO <sub>3</sub>
Formula weight	128.17
Functional Uses	Potassium Lactate is used in preparation of high solids and high protein lactose-free aseptic milk concentration and milk powders with forward osmosis.
Standard Packaging	100 gm., 500 gm. & 25 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A white crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M soln. at 25 °c)	5.0- 8.0
Loss on drying	NMT- 0.05%
Iodide (I)	NMT- 0.001%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Assay	NLT- 99.5%

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

