

## TC 009– ERYTHRITOL (MESO ERYTHRITOL)

REF NO: TBL/QA/SS/LC/TC 009	<b>STANDARD SPECIFICATION FOR ERYTHRITOL (MESO ERYTHRITOL)</b>	Rev. No: 03
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### PRODUCT PROPERTIES

C.A.S Number	149-32-6
Chemical Formula	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>
Formula weight	122.12
Functional Uses	Meso-Erythritol may be used to support the carbon source growth requirement of <i>Gluconobacter</i> bacteria. It is an aliphatic poly-alcohol used in the chemical analysis of the reactivity of various radicals and radical anions.
Standard Packaging	5 gm, 25 gm & 100 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Tetragonal prisms, Stable in air.
Solubility	Very soluble in water & clear colorless solution.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying	NMT-0.5%
Melting range	118 -120°C
Total Ash	NMT-0.1%
Assay	NLT-99.0%

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

