

## 2309 – di-SODIUM TARTRATE (DIHYDRATE)

REF NO: TBL/QA/SS/LC/2309	<b>STANDARD SPECIFICATION FOR di-SODIUM TARTRATE (DIHYDRATE)</b>	Rev. No: 03
Issue No: 04		Review Date: 21/03/2025
Issue Date: 22/03/2022		Product code: 2309

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	6106-24-7
<b>Chemical Formula</b>	C <sub>4</sub> H <sub>4</sub> Na <sub>2</sub> O <sub>6</sub> .2H <sub>2</sub> O
<b>Formula weight</b>	230.08
<b>Functional Uses</b>	Sodium tartrate dihydrate is the volumetric standard for Karl Fischer titration.
<b>Standard Packaging</b>	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Transparent, colourless and odourless crystals.
Solubility	One gram is soluble in 3 ml of water; insoluble to ethanol.
Test for sodium	Passes test
Test for tartrate	Passes test

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (150°C, 3 h)	14.0 – 17.0 %
pH (1 in 10 soln.)	7.0 – 7.5
Heavy Metals (Pb)	NMT – 10 mg/Kg
Oxalate	Passes test
Assay (after drying)	NLT – 99.0%

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