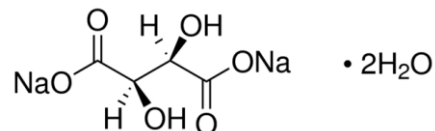


**Department: Quality Control**
**Document No: LCPL/QSD/QAD/11**
**SOP No.: SOP/QC/11-S168**
**SPECIFICATION : SODIUM(+) TARTARATE DIHYDRATE AR**

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

**PRODUCT DETAILS**

1	Molecular Formula	C <sub>4</sub> H <sub>4</sub> Na <sub>2</sub> O <sub>6</sub> · 2H <sub>2</sub> O
2	Product code	S168
3	Molecular weight	230.08
4	CAS No	6106-24-7
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---


**PACKING DETAILS**

	Product code	Pack size
1	S16810	500g

**PRODUCT SPECIFICATION**

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystalline powder.
2	Assay	Between 99.0% and 101.0%
3	pH (5% aqueous solution)	Between 7.0 and 9.0
45	Specific optical rotation C = 10%, H <sub>2</sub> O	Between +25.0° and +27.0°
6	Loss on drying (150°C to constant weight)	Between 15.61% and 15.71%
7	Insoluble matter (c = 10%, H <sub>2</sub> O)	Not more than 0.005%
8	Chloride (Cl)	Not more than 0.0005%
9	Phosphate (PO <sub>4</sub> )	Not more than 0.0005%
10	Sulphate (SO <sub>4</sub> )	Not more than 0.005%
11	Ammonium (NH <sub>4</sub> )	Not more than 0.003%
12	Arsenic (As)	Not more than 0.00005%
13	Calcium (Ca)	Not more than 0.01%
14	Heavy metals (Pb)	Not more than 0.002%
15	Iron (Fe)	Not more than 0.004%
16	Insoluble matter (c = 10%, H <sub>2</sub> O)	Not more than 0.005%

**SAFETY SYMBOLS**