

SHOWA KAKO CORPORATION

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Quality Specification

Product : Sodium tartrate dihydrate

Grade	JSFA8
Chemical name	Sodium L-Tartrate
CAS No.	6106-24-7
Chemical formula	$C_4H_4Na_2O_6 \cdot 2H_2O$
M.W.	230.08

【 Requirements 】

Test Item	Specification
Description	Sodium L-Tartrate occurs as colorless crystals or as a white, fine crystalline powder.
Identification test	Passes the test
Specific rotation	$[\alpha]_D^{20} = +25.0 - +27.5^\circ$
Clarity and color of solution	Almost clear
pH	7.0-9.0
Sulfate (as SO₄)	0.019% max.
Heavy metals (as Pb)	10 µg/g max.
Arsenic (as As₂O₃)	4.0 µg/g max.
Oxalate	Passes the test
Loss on drying	14.0-17.0%
Assay (as anhydride)	98.5-100.5%