

SHOWA KAKO CORPORATION

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Quality Specification

Product : L-Tartaric acid

Grade	JSFA8
Chemical name	L- Tartaric acid
CAS No.	87-69-4
Chemical formula	C ₄ H ₆ O ₆
M.W.	150.09

【 Requirements 】

Test Item	Specification
Description	L-Tartaric Acid occurs as colorless crystals or as a white, fine crystalline powder. It is odorless and has an acid taste.
Identification test	Passes the test
Specific rotation	$[\alpha]_D^{20} = +11.5 - +13.5^\circ$
Sulfate	0.048 % max.(as SO ₄)
Heavy metals	10 µg/g max.(as Pb)
Arsenic	4.0 µg/g max.(as As ₂ O ₃)
Oxalate	Passes the test
Loss on drying	0.50% max.
Residue on Ignition	0.10 % max.
Assay	99.5-100.5%