

SHOWA KAKO CORPORATION

Head Office : 18-23, Yoshino-Cho, Suita-City, Osaka
564-0054, Japan

Phone : +81-6-6384-1501
Fax : +81-6-6384-2287

Quality Specification

Product : Potassium L-Bitartrate

Grade	JSFA8
Chemical name	Potassium L-Bitartrate
CAS No.	868-14-4
Chemical formula	C ₄ H ₅ KO ₆
M.W.	188.18

【 Requirements 】

Test Item	Specification
Description	Potassium L-Bitartrate occurs as colorless crystals or as a white, fine crystalline powder. It has a fresh acid taste.
Identification test	Passes the test
Specific rotation	$[\alpha]_D^{20} = +32.5 - +35.5^\circ$
Clarity and color of solution	Colorless, almost clear
Sulfate (as SO₄)	0.019 % max.
Ammonium salt	Passes the test
Heavy metals (as Pb)	20 µg/g max.
Arsenic (as As₂O₃)	4.0 µg/g max.
Loss on drying	0.50% max.
Assay	99.0-101.0 %