

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 : Calcium citrate

Grade	JSFA8
Chemical name	Calcium citrate
CAS No.	813-94-5
Chemical formula	$C_{12}H_{10}Ca_3O_{14} \cdot 4H_2O$
M.W.	570.50

【 Requirements 】

Test Item	Specification
Description	Calcium citrate occurs as a white powder. It is odorless .
Identification test	Passes the test
Hydrochloric acid-insoluble substance	0.060% max.
pH	5.5-8.0
Chloride	0.007 % max.(as Cl)
Sulfate	0.024 % max.(as SO ₄)
Heavy metals	20 µg/g max.(as Pb)
Arsenic	4.0 µg/g max.(as As ₂ O ₃)
Loss on drying	10.0-14.0 %
Assay	97.0-100.5%