

SHOWA KAKO CORPORATION

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Quality Specification

Product : Trisodium citrate (anhydrous)

Grade	JSFA8
Chemical name	Sodium citrate anhydrous
CAS No.	68-04-2
Chemical formula	$C_6H_5Na_3O_7$
M.W.	258.07

【 Requirements 】

Test Item	Specification
Description	Trisodium citrate occurs as colorless crystals or as a white powder. It is odorless and has a cool, salty taste.
Identification test	Passes the test
Clarity and color of solution	Colorless, almost clear
pH	7.6-9.0
Sulfate	0.024 % max.(as SO_4)
Heavy metals	20 $\mu\text{g/g}$ max.(as Pb)
Arsenic	4.0 $\mu\text{g/g}$ max.(as As_2O_3)
Loss on drying	1.0 % max.
Assay	99.0-101.0%