

SHOWA KAKO CORPORATION

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Quality Specification

Product : Calcium lactate

Grade	JSFA8
Chemical name	DL-Calcium lactate
CAS No.	5743-48-6
Chemical formula	$C_6H_{10}CaO_6 \cdot 5H_2O$
M.W.	308.30

【 Requirements 】

Test Item	Specification
Description	Calcium lactate occurs as white powder or granules. It is odorless or has a slight, characteristic odor.
Identification test	Passes the test
Clarity and color of solution	Colorless and clear
pH	6.0-8.0
Heavy metals	20 µg/g max.(as Pb)
Alkali metals and magnesium	1.0 % max.
Arsenic	4.0 µg/g max.(as As ₂ O ₃)
Volatile fatty acid	Passes the test
Loss on drying	25.0-30.0%
Assay	97.0-101.0%