

**SHOWA KAKO CORPORATION**

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## Quality Specifications

**Product** : Calcium lactate

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

### **【 Requirements 】**

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