

**SHOWA KAKO CORPORATION**

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## Quality Specification

**Product** : Acesulfame Potassium

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<b>Grade</b>	JSFA8
<b>Chemical name</b>	Acesulfame Potassium
<b>CAS No.</b>	55589-62-3
<b>Chemical formula</b>	C <sub>4</sub> H <sub>5</sub> KNO <sub>4</sub> S
<b>M.W.</b>	202.25

### **【 Requirements 】**

<b>Test Item</b>	<b>Specification</b>
<b>Description</b>	Acesulfame Potassium occurs as a white, fine crystalline powder. It is odorless and has a strong sweet flavour.
<b>Identification test</b>	Passes the test
<b>Clarity and color of solution</b>	colorless and clear
<b>pH</b>	5.5-7.5
<b>Heavy metals (as Pb)</b>	10 µg/g max.
<b>Lead (as Pb)</b>	1.0 µg/g max.
<b>Arsenic (as As<sub>2</sub>O<sub>3</sub>)</b>	4.0 µg/g max.
<b>Fluoride (as F)</b>	3.0 µg/g max.
<b>Other Ultraviolet absorbing substance</b>	20 µg/g max.(as Acesulfame Potassium)
<b>Loss on drying</b>	1.0% max.
<b>Assay (as anhydride)</b>	99.0-101.0%

