

# Product Data Sheet



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**Trade name:** Calcium Iodate Monohydrate

**Product range:**

**ANIMADE**

Growing with  
**FERTION**

<b>Chemical Name</b>	:	<b>Calcium Iodate Monohydrate</b>
<b>Chemical Formula</b>	:	Ca(IO <sub>3</sub> ) <sub>2</sub> .H <sub>2</sub> O
<b>Grade</b>	:	Feed grade
<b>Appearance</b>	:	Off-white odourless crystalline powder, free flowing
<b>CAS Number</b>	:	10031-32-0
<b>EC No.</b>	:	232-191-3
<b>Act 36 of 1947 Reg. No</b>	:	V 29822
<b>Packaging</b>	:	25 kg UN approved plastic containers with polyethylene liner.
<b>Recommended uses</b>	:	Dough conditioners, oxidant, antiseptic. Trace element in animal feeds.
<b>Purity</b>	:	99.3%
<b>Particle size</b>	:	98% < 150 micron
<b>Specifications:</b>	Iodine (I)	: 62.3% minimum
<b>Typical Analysis:</b>	Arsenic (As)	: 2 ppm maximum
	Cadmium (Cd)	: 1 ppm maximum
	Lead (Pb)	: 2 ppm maximum
	Mercury (Hg)	: 0.1 ppm maximum
	Chlorate (ClO <sub>3</sub> <sup>-</sup> )	: < 0.01%
<b>pH (5% solution)</b>	:	5 – 8
<b>Loss on drying</b>	:	0.5%

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