



## Calcipur<sup>®</sup> 2 - OG

Meeting Commission Regulation (EU) No. 231/2012 requirements for E170 and FCC current version for "Calcium carbonate".  
Manufactured according to HACCP-principles.

**Production site** **ORGON**, France  
(certified ISO 9001, ISO 14001, ISO 22000 and OHSAS 18001)

<b>Sieve residue &gt; 45 µm</b>	(ISO 787-7)	≤ <b>0.01</b> %
<b>Particles &lt; 2 µm</b>	(Malvern MS 2000)	<b>26 - 40</b> %
<b>Brightness Ry</b>	(C/2°, DIN 53163)	<b>88.5 - 94.5</b> %
<b>CIE L*</b>	(ISO 11664-4)	<b>95.2 - 97.2</b>
<b>a*</b>		<b>0.25 - 0.65</b>
<b>b*</b>		<b>2.2 - 4.2</b>

### Chemical composition

<b>Assay, CaCO<sub>3</sub></b>	(FCC & JECFA)	≥ <b>98</b> %
<b>Loss on drying</b>	(FCC & JECFA)	≤ <b>2</b> %
<b>Acid insoluble substance</b>	(FCC & JECFA)	≤ <b>0.2</b> %
<b>Magnesium and alkaline salts</b>	(FCC & JECFA)	≤ <b>1</b> %
<b>Fluoride</b>	(FCC & JECFA)	≤ <b>50</b> ppm
<b>Sb + Cu + Cr + Zn + Ba</b>	(FCC & JECFA)	≤ <b>100</b> ppm
<b>Arsenic</b>	(FCC & JECFA)	≤ <b>3</b> ppm
<b>Lead</b>	(FCC & JECFA)	≤ <b>3</b> ppm
<b>Cadmium</b>	(E170)	≤ <b>1</b> ppm
<b>Heavy metals (as Pb)</b>	(FCC, 4th edition)	≤ <b>20</b> ppm
<b>Propylene glycol rate</b>	(GC/FID)	≤ <b>0.2</b> %

### Microbiological specifications

<b>Aeromesophilic bacteria</b>	(ISO 4833-2)	≤ <b>1000</b> cfu/g
<b>Yeast</b>	(ISO 7954)	≤ <b>100</b> cfu/g
<b>Moulds</b>	(ISO 7954)	≤ <b>100</b> cfu/g
<b>Escherichia coli</b>	(ISO 16649-2)	<b>absent</b> cfu/g
<b>Pseudomonas aeruginosa</b>	(ISO 13720)	<b>absent</b> cfu/g
<b>Staphylococcus aureus</b>	(ISO 6888-2)	<b>absent</b> cfu/g
<b>Salmonella</b>	(ISO 6579)	<b>absent</b> cfu/25g
<b>Enterobacteriaceae</b>	(ISO 21528-2)	<b>absent</b> cfu/10g