

# COSPHADERM® EGCg ECONAT

Cosphatec

Cosphaderm® EGCg ECONAT is a white powder extract from high quality green tea leaves of *Camellia sinensis*. The predominant active ingredient at more than 90% is epigallocatechin-3-gallate (EGCg), a powerful antioxidant. EGCg is the most effective among the tea catechins displaying high levels of radical scavenging activity and thereby protecting the skin against reactive oxygen species. Research indicates that EGCg displays even further beneficial effects including antimicrobial activity, reduction of skin damage from UV light and prevention of collagen breakdown by inhibiting collagenase, the enzyme responsible for collagen breakdown. Cosphaderm® EGCg ECONAT is a genuine active ingredient that is particularly suitable for cosmetic anti-aging formulations.

- Strong natural antioxidant
- Active ingredient for anti-aging formulations
- Shows mild antimicrobial activity



COSMOS  
APPROVED



16128

## ISO 16128

Natural Index	1
Natural Origin Index	1

<b>INCI-Name</b>	Camellia Sinensis Leaf Extract
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<b>Source</b>	Camellia sinensis
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<b>Recommended concentration [%]</b>	0.05 - 0.10
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<b>Substance Class</b>	Polyphenols
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<b>Function</b>	<ul style="list-style-type: none"><li>• Anti-pollution</li><li>• Skin conditioning</li><li>• Antioxidant</li><li>• Radical scavenger</li></ul>
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<b>Type of Formulation</b>	<ul style="list-style-type: none"><li>• O/W</li><li>• W/O</li><li>• Surfactant Based</li><li>• Waterfree</li><li>• Water-Based</li></ul>
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<b>Solubility</b>	<ul style="list-style-type: none"><li>• Water-soluble</li></ul>
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<b>Appearance</b>	Powder
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<b>Colour</b>	White to light brown
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<b>Odour</b>	Characteristic
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<b>Item No.</b>	07-004-xxxx
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<b>CAS No.</b>	<ul style="list-style-type: none"><li>• 84650-60-2</li></ul>
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