

Cosphaderm® X 34 is a natural, transparent xanthan gum that is GMO-free and vegan and is produced by fermentation of glucose or sucrose with *Xanthomonas campestris*. The heteropolysaccharide complies with food and pharmaceutical specifications and serves as a highly effective thickener for cosmetic formulations. In addition to high viscosity performance and a pleasant skin feel without affecting taste, colour or odour, Cosphaderm® X 34 effectively stabilises O/W emulsions by preventing the coalescence of oil droplets. Its agglomerated particle structure significantly reduces dust formation and enables particularly quick and easy solubilisation in water thanks to the enlarged surface area. The resulting solutions are tolerant to salts, acids, heat and ethanol.

### Benefits:

- High-quality, transparent, natural, vegan and agglomerated xanthan gum
- Ready and rapid water-solubility
- Low dusting
- Emulsion stabilising
- High tolerance against salt, acid, heat and ethanol



16128

### ISO 16128

Natural Index	1
Natural Origin Index	1

<b>INCI name</b>	Xanthan Gum
<b>Source</b>	Corn
<b>Recommended concentration [%]</b>	0,10 - 1,00
<b>Substance Class</b>	Polysaccharides
<b>Function</b>	<ul style="list-style-type: none"> <li>• Emulsion stabilising</li> <li>• Gel-forming</li> <li>• Skin conditioning</li> <li>• Viscosity control</li> </ul>
<b>Type of Formulation</b>	<ul style="list-style-type: none"> <li>• O/W</li> <li>• Surfactant-based</li> <li>• W/O</li> <li>• Water-based</li> <li>• Waterfree</li> </ul>
<b>Solubility</b>	• Water-soluble
<b>Appearance</b>	Fine-grained powder
<b>Colour</b>	Grey-white to slightly yellowish
<b>Odour</b>	Characteristic, almost odourless
<b>Item No.</b>	06-003-xxxx
<b>CAS No.</b>	11138-66-2

*Disclaimer: This product overview is for informational purposes only and does not constitute an official Technical Data Sheet (TDS). For detailed specifications and further information, please contact our sales team at [info@cosphatec.com](mailto:info@cosphatec.com).*