

Cosphaderm® KG is a natural, non-GMO, food-approved glucomannan derived from konjac flour (Amorphophallus konjac). The water-soluble, high-molecular-weight glucomannan polysaccharide consists of D-mannose and D-glucose units. Shorter side chains and acetyl groups are randomly distributed along the glucomannan backbone. Cosphaderm® KG displays strong thickening efficiency and gel formation properties especially useful for viscous formulations like styling or shaving gels. At concentrations of 1 % in water, viscosity yields from 20,000 cP to more than 40,000 cP with a high plasticity can be achieved.

Benefits:

- Natural plant-based thickening agent
- High viscosity yield
- Good plasticity



COSMOS
APPROVED



16128

ISO 16128

Natural Index	1
Natural Origin Index	1

INCI name Amorphophallus Konjac Root Extract

Source Amorphophallus konjac

Recommended concentration [%] 0,10 - 1,00

Substance Class Polysaccharides

Function

- Humectant
- Film-forming
- Gel-forming
- Viscosity control

Type of Formulation

- O/W
- W/O
- Water-based
- Waterfree

Solubility • Water-soluble

Appearance Powder

Colour White

Odour Light, characteristic fragrance

Item No. 06-001-xxxx

CAS No. 37220-17-0

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.