

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.

- Natural plant-based thickener
- 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
- Waterfree
- Water-Based

**Solubility** • Water-soluble

**Appearance** Powder

**Colour** White

**Odour** Slight characteristic odour

**Item No.** 06-001-xxxx

**CAS No.** • 37220-17-0