

Akucell AF 0305

Cellulose Gum, E466

An odorless and tasteless powder typically used as thickener, stabilizer or water retention aid.

CAS number
9004-32-4

Specifications

Sodium CMC, dry basis (FCC)	≥ 99.5 %
Viscosity, 1% solution, 25°C, Brookfield LVT (Nouryon 02:03:01)	10-15 mPa.s
Degree of substitution (**)	0.75-0.95
Sieve limit, retained on 35 mesh ASTM (0.50 mm)	≤ 0.5 %
pH, 1% solution, 25°C (USP)	6.5-8.5
Moisture, as packed (**)	≤ 8 %
Bulk density, compacted (**)	500-900 g/l

Characteristics

Appearance	Off-white hygroscopic powder
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Food Safety Data, Microbiological information

Yeast (*)	≤ 100 cfu/g
Molds (*)	≤ 100 cfu/g
Total plate count (*)	≤ 1000 cfu/g

Food Safety Data, heavy metals (FCC)

Total (*)	≤ 10 mg/kg
Arsenic (*)	≤ 3 mg/kg
Cadmium (*)	≤ 1 mg/kg
Lead (*)	≤ 2 mg/kg
Mercury (*)	≤ 1 mg/kg

Nutritional Information (per 100 grams)

Calories	0 kcal
Fat	0.0 g
Cholesterol	0.0 g
Sodium	~ 9.5 g
Calcium	≤ 5 mg
Iron	≤ 1 mg
Carbohydrate	0.0 g
Dietary fiber	≥ 85.0 g
Soluble fiber	≥ 85.0 g
Insoluble fiber	≤ 0.1 g
Protein	0.0 g
Vitamin	0.0 g
Moisture	≤ 8.0 g

Notes:

(*) Measured on intermittent basis. Results are available upon request. (**) Nouryon in accordance with ASTM-D1439.

Applications

Food

Packaging and transport

Packing Multiply paper bags with an inner poly ethylene bag. The shelf life is 3 years from date of manufacture provided the material is stored in the original bags under dry and cool conditions. However, the viscosity of Cellulose Gum may decrease slightly in time.

Safety and handling

MSDS Material safety data sheet available on request.

Certifications

Regulatory Status Product complies with current regulations of WHO/FAO, FCC and EC.

Additional information

Our production facility is certified for the following quality standards: FSSC 22000, ISO 9001/14001, Kosher, Halal

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.