

Akucell AF 0305

Cellulose Gum, E466

Akucell® AF 0305 is 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
------------	------------------------------

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

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

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

For more information, please visit our website at www.nouryon.com.

