

# Cekol 100000 Cellulose Gum

Cellulose Gum, Carmellose Sodium, Sodium Carboxymethyl Cellulose

Cekol® 100000 product is a highly purified Sodium Carboxymethyl Cellulose

CAS number  
9004-32-4

## Specifications

|                                         |                  |
|-----------------------------------------|------------------|
| Sodium Chloride, dry basis              | ≤ 0.4 %          |
| Sodium CMC, dry basis (**)              | ≥ 99.5 %         |
| Sodium content                          | 8.0 – 9.5 %      |
| Sulphated ash content                   | 25.0 – 28.0 %    |
| Viscosity, 1%, 25°C, Brookfield LV:4/30 | 7500-10000 mPa.s |
| Degree of substitution                  | 0.80 – 0.90      |
| pH, 1% solution                         | 6.5 – 8.0        |
| Moisture, as packed (**)                | ≤ 8 %            |
| Sodium Glycolate, dry basis (**)        | ≤ 0.4 %          |

## Characteristics

|                       |                                       |
|-----------------------|---------------------------------------|
| Appearance            | White to cream powder                 |
| Odor                  | Essentially odor free                 |
| Typical particle size | > 0.075 mm : 40-75%   > 0.5 mm : ≤ 2% |

### Notes:

Test methods are available upon request. Nouryon reserves the right to use company test methodology.

## Applications

Highly purity Cekol® products are typically applied in regulated industries including Food, Beverage, Personal care, Oral care and Pharmaceuticals. Sodium Carboxymethyl Cellulose is a versatile additive due to its ability to retain water, thicken liquids, regulate flow properties, suspend and stabilize dispersions and act as a film forming agent.

## Storage

Stored in a covered and well-ventilated area and in original and unopened packaging the product has a shelf life up to 36 months calculated from the date of manufacture, which means the product can be safely used during this period. The product is based on a natural polymer, cellulose, which means that the viscosity may drop over time. We therefore only warrant that the product meets the product specification up to twelve (12) months calculated from the date of manufacture, even if all parameters of the product specification other than viscosity and moisture remains stable up to the indicated shelf life. Viscosity drop (if any) occurring after 12 months from the date of manufacture can be handled by slight dosage correction. The dosage correction to be determined by Buyer depending on application.

## Packaging and transport

Packed in paper bags with polyethylene inner liner. All packaging material complies with FDA and EU food contact legislation.

## Safety and handling

Please refer to the Safety Data Sheet (SDS) for information on the safe storage, use and handling.

## Certifications

Cekol® products are manufactured according to recognized principles of good manufacturing practices (GMP). Production facility is FSSC 22000 and ISO 9001/14001 certified. Cekol® products are also Kosher and Halal certified.

## Additional information

Cekol® cellulose gum is suitable for vegan/vegetarian diets. E-number: E466. HS Code: 39123100. Cekol® 100000 meets various Sodium Carboxymethyl Cellulose specific monograph specifications and standards outlined in the separate document. Food: FAO/WHO (JECFA), Food Chemicals Codex (FCC), US FDA, EU, Chinese Food Standard. Pharma (excipient): United States Pharmacopoeia (USP/NF), European Pharmacopoeia (EP), Chinese Pharmacopoeia (ChP). Cekol® 100000 product is produced from the cotton cellulose. The used cotton may come from genetically modified cotton plants and therefore cannot be guaranteed as a non-GMO product.

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.

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