Product Data Sheet

Product Name: TEXTURECEL 100 PA NACMC

The following specifications apply to sealed, unopened containers stored under the recommended conditions for the duration of the shelf life.

MATERIAL DATA, PHS

MATERIAL NUMBER	12700449
MATERIAL DESCRIPTION	CMC TXCEL 100 PA BG25KG 40/P GSS
SPECIFICATION NAME	TEXTURECEL(TM) 100 PA Sodium Carboxymethylcellulose
SPECIFICATION TYPE	SALES SPECIFICATION
SPECIFICATION EFFECTIVE DATE	January 13, 2023
SPECIFICATION SUPERSEDES DATE	July 19, 2022

GOVERNMENT AND INDUSTRY STANDARDS:

Current FCC - Food Chemicals Codex

Current JECFA - Joint Expert Committee on Food Additives

U.S. FDA 21 CFR 182.1745

Commission Regulation (EU) No 231/2012 as amended

Current China GB 1886.232

Current USP - United States Pharmacopeia

PHYSICAL PROPERTIES, PHS

PH (1%)	6.5 - 8.5 *CE-8.1*

EVALUATIONS, PHS

SULFATED ASH	20.0 - 33.3 % *CE-66.1*
MOISTURE (LOSS ON DRYING)	<= 8.0 % *CE-7.1*

VISCOSITY, PHS

VISCOSITY, BROOKFIELD, 2%	110 - 160 mPa.s *CE-5.15 LVT, SP.2, 60 RPM*

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VISCOSITY, PHS

MICROBIAL, PHS

COLIFORMS ABSENT IN 1G [AB]	PASS
	CE-92.1
E.COLI ABSENT PER G [AB]	PASS
	CE-92.1
LISTERIA M. ABSENT PER 25G [AB]	PASS
	CE-92.1
PSEUDO. AERUG. ABS IN 1G [AB]	PASS
	CE-92.1 PSEUDOMONAS AERUGINOSA
SALMONELLA ABS PER 10G [AB]	PASS
	CE-92.1
STAPH. AUR. ABS IN 1G [AB]	PASS
	CE-92.1 STAPHYLOCOCCUS AUREUS
YEASTS AND MOLDS PER G [AB]	<= 100 /g
	CE-92.1
TOTAL PLATE COUNT PER G [AB]	<= 500 /g
	CE-92.1

COMPOSITION, PHS

DEGREE OF SUBSTITUTION NIR	0.82 - 0.95
	CE-28.4
ACTIVE CONTENT	>= 99.50 %
	CE-55.4
SODIUM CHLORIDE	<= 0.40 %
	CE-15.5
SODIUM GLYCOLATE	<= 0.40 %
	CE-50.1
SODIUM (PERCENT)	6.5 - 9.5 %
	CE-59.5
SALT CONTENT (PERCENT)	<= 0.50 %
	CE-15.4

METALS, PHS

ARSENIC [AB]	<= 1 mg/kg
	CE-93.1
CADMIUM [AB]	<= 1 mg/kg

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METALS, PHS

		CE-93.1
MERCURY [AB]	<= 1 mg/kg	
		CE-93.1
LEAD [AB]	<= 2 mg/kg	
		CE-93.1

This product meets all requirements outlined in 21 CFR 182.1745, the USP and FCC for sodium carboxymethylcellulose, GB 1886.232, EC Reg231/2012 and the Joint FAO/WHO Committee on Food Additives (JECFA).

When used within the EC, the label declaration E466 may be used.

This product is considered not genetically modified or derived from a genetically modified organism as defined by the EU regulations 1829/2003 and 1830/2003.

As a result of a natural process, the viscosity for Sodium Carboxymethylcellulose may decrease and moisture may increase over time. The product can still be used safely up to the indicated shelf life end date, but may need a slight dosage correction in order to give optimum performance in the final application. All parameters of the specification other than viscosity and moisture are stable and do not require reevaluation. We recommend a reevaluation of your inventory on a quarterly basis for moisture and viscosity.

Tests tagged or noted as "Audit Basis" [AB] are conducted on a frequency that is established for each test.

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