

Celova® Care Powder

Commodity Name: Microfibrillated cellulose, cellulose microfibrils
CAS No: 9004-34-6, alternatively 65996-61-4 & 56-81-5
HS Code: 4703.2900

Celova® Microfibrillated Cellulose (MFC) is a natural, sustainable and biodegradable material that has the potential to replace fossil-based products in a wide range in personal care applications. The material is produced by a purely mechanical process (patent pending) that uses cellulose pulp as a raw material.

Celova® Care Powder can be redispersed in water or polar liquids to enhance sensory or texture of emulsions. Furthermore it enhances performance of wax, fat or oily mixtures

Technical Specifications			
Parameter	Range	Unit	Method
Form	powder	-	Internal method
Color	white to off white	-	Internal method
MFC content	40 – 60	%	Internal method
Residual moisture	≤ 10.0	%	Internal method
pH (6%)	4 – 9	-	Internal method
Viscosity (6%)	20 – 45	Pas	Internal method
Mesophilic aerobic bacteria	< 100*	CFU/g	ISO 21149
Yeasts and molds	< 100*	CFU/g	ISO 16212

* Due to inherent variability of the plate count method, according to USP Chapter 61 or EP Chapter 2.6.12, Interpretation of results, results are considered out of limit if > 200 CFU/g

Material contains glycerol

Storage Conditions	
Storage	Store in a dry, cool place. Once opened packaging needs to be closed tightly to protect the product from humidity.
Shelf Life	Up to 24 months from the date of production in original, sealed package.
Slight differences to the above given values may arise due to the natural origin of the products.	