celova

Technical Datasheet

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Celova® Care Powder

Commodity Name:	Microfibrillated cellulose, cellulose microfibrils
CAS No:	9004-34-6, 56-81-5
HS Code:	4703.2900
INCI:	Cellulose, Glycerin, Aqua(Water)

Celova® Microfibrillated Cellulose (MFC) is a natural, sustainable and biodegradable material that serves as an alternative to synthetic ingredients, in a wide range of applications. The powder material is produced by a purely mechanical process (patent pending) that uses cellulose pulp as a raw material.

Celova® Care Powder (COSMOS-approved) is a high-performance and sustainable microfibrillated cellulose (MFC) ingredient, tailored for modern personal care formulations. It improves performance in skin care, sun care, and color cosmetics, and is ideally suited for both oil-in-water (O/W) emulsions and dry powder formulations.

Technical Specifications

Parameter	Specification	Unit	Method
Form	powder	-	Internal method
Color	white to off white	-	Internal method
MFC content	40 – 60	%	Internal method
Residual moisture	≤ 10	%	Internal method
pH (@ 6%)	4 - 10	-	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 considered out of limit if > 200 CFU/g

Storage & Shelf Life

Storage Conditions:	Store in a dry, cool place. Once opened, packaging needs to be closed tightly to protect the product from humidity.
Shelf Life:	24 months from date of production in original sealed packages; it may be extended in 12-month increments upon requalification.

Packaging Types

Samples:	50 g bottle
Commercial:	5 kg cardboard box