

COA

## Certificate of Analysis

**Product Name:** Microcrystalline Cellulose

**Product Brand:** DC Fine Chemicals

Product Number: MC-PH101

Batch No: MC20250112

Compliance Summary				
	TEST	SPECIFICATION	RESULTS	METHOD
1	APPEARANCE	White, odorless powder	White, odorless powder	Visual Inspection
2	IDENTIFICATION (IR)	Conforms to IR spectrum of reference standard	Conforms	USP <197>
3	pH (1% Suspension)	5.0 – 7.5	6.4	USP <791>
4	SOLUBILITY	Insoluble in water and most organic solvents	Insoluble	USP <191>
5	ASSAY	NLT 97.0% (on dry basis)	98.9%	In-house Gravimetric
6	WATER CONTENT	≤ 7.0%	3.8%	USP <921>
7	RESIDUE ON IGNITION	≤ 0.1%	0.04%	USP <281>
8	HEAVY METALS	NMT 10 ppm	<10 ppm	USP <231>
9	BULK DENSITY	0.25 – 0.40 g/mL	0.33 g/mL	In-house SOP
10	MICROBIAL LIMITS	Total aerobic ≤ 1000 CFU/g, Yeast & Mold ≤ 100 CFU/g, Absence of pathogens	Within limits	USP <61>, <62>
11	PARTICLE SIZE	NLT 85% passes through #60 mesh (250 µm)	91% passes	USP <786>

#### **Additional Information:**

The product has been tested by the Quality Control Laboratory of DC Fine Chemicals and conforms to the above specifications.

QC Manager: Dr. Navan Bawa

Any queries please contact: +34 934 407 565

Registered Office: DC Fine Chemicals, Avda. del Vallès 362, 08227 Terrassa, Spain

Email: info@dcfinechemicals.com

