

**ACCENT MICROCELL PVT. LTD.**  
 FACTORY- SURVEY NO.533/P, PALDI KANKAJ, KAMOD-PIRANA ROAD, PIRANA, AHMEDABAD-382425

**Quality Control**

**CERTIFICATE OF ANALYSIS**

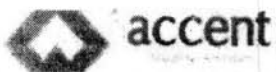
<b>Product Name</b> : MICROCRYSTALLINE CELLULOSE 200 BP/USP	<b>Batch No.</b> : 90120016
<b>Customer Name</b> : TRINITY PHARMACEUTICALS & FOOD PVT.LTD	<b>Mfg. Month</b> : JAN-2022
<b>Grade</b> : ACCEL 200	<b>Exp. Month</b> : DEC-2026
<b>MOA</b> : BP 2020,USP 42	<b>Batch Size</b> : 3000 KG

Sr. No.	Test	Specification	Result
1	Description	White or almost white, fine or granular, Slightly hygroscopic powder.	Complies
2	Solubility	Practically insoluble in water, in acetone, in anhydrous alcohol, in toluene, dilute acid and in 50 g/l solution of sodium hydroxide.	Complies
3	Identification A (IR Spectroscopic test)	The IR transmittance spectrum of the sample should be concordant with the spectrum of microcrystalline cellulose working standard.	Complies
4	Identification B ( Zinc chloried test)	The substance become violet blue	Complies
5	Identification C ( Degree of polymerization)	NMT 350	Complies
6	Solubility (coppertetramine solution)	It dissolves completely, leaving no residue.	Complies
7	pH	5.0 to 7.5	6.46
8	Conductivity	NMT 75 $\mu$ s/cm-1	Complies
9	Ether Soluble Substance	NMT 0.05 %	0.0212 %
10	Water Soluble Substance.	NMT 0.25 %	0.1589 %
11	Loss On Drying	NMT 7.0 %	4.42 %
12	Sulphated Ash	NMT 0.1 %	0.0523 %
13	Partical Size Distribution	D10 : < 70 $\mu$ D50 : 150-200 $\mu$ D90 : > 260 $\mu$	57 $\mu$ 183 $\mu$ 298 $\mu$
14	Total Viable Aerobic Count	NMT 1000 cfu/g	58
15	Total Yeast & Mould Count	NMT 100 cfu/g	Nil
16	Escherichia Coil	Should be Absent /g	Absent
17	Pseudomonas Aeruginosa	Should be Absent /g	Absent
18	Staphylococcus aureus	Should be Absent /g	Absent
19	Salmonella Species	Should be Absent /10g	Absent

The Raw Material, manufacturer process and product do not contain any of solvent listed in organic volatile Impurities & residual solvent. Abbreviation : NMT (Not More Then), NLT (Not Less Then)

Storage recommendation :

VC Patel Prepared By	 Checked By	 Approved By
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**CERTIFICATE OF ANALYSIS**

**Product Name** : MICROCRYSTALLINE CELLULOSE 200 BP/USP  
**Customer Name** : TRINITY PHARMACEUTICALS & FOOD PVT.LTD  
**Grade** : ACCEL 200  
**MOA** : BP 2020, USP 42

**Batch No.** : 90120016  
**Mfg. Month:** JAN-2022  
**Exp. Month:** DEC-2026  
**Batch Size** : 3000 KG

Sr. No.	Test	Specification	Result
20	Bulk Density	0.26 to 0.40 g/ml	0.3702 g/ml
21	Sieve Analysis ( % Retention )		
21.1	60 Mesh	NLT 10.0 %	12.3654 %
21.2	100 Mesh	NLT 50.0 %	57.1104 %

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