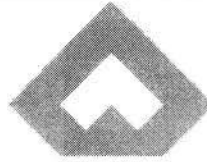




Todo Droga



accent

bonding

Quality Control CERTIFICATE OF ANALYSIS

Product	Microcrystalline Cellulose USP	Batch no	: 9031193
Customer Name	Trinity Pharmaceuticals & Food Pvt Ltd.	Mfg. Month	: Mar'2021
Grade	ACCEL 200	Exp Month	: Feb'2026
MOA	USP 40	Batch Qty	: 3000 Kgs.

Sr. No	Test	Specification	Result
1	Description	White or almost white. Practically insoluble in water, dilute acid and most of organic solvents. Slightly soluble in dilute NaOH solution	Complies
2	Identification A (Zinc Chloride test)	Violet- blue colour obtain.	Complies
3	Identification B (Degree of Polymerization)	NMT 350	Complies
4	Solubility (coppertetramine solution)	dissolves completely	Complies
5	pH	5.0-7.5	6.36
6	Conductivity	NMT 75 $\mu\text{S.cm}^{-1}$	Complies
7	Ether - Soluble Substance	NMT 0.05% (5.0 mg)	0.0238%
8	Water - Soluble Substance	NMT 0.25% (12.5mg)	0.1635%
9	Loss on Drying	NMT 7.0%	2.65%
10	Residue on Ignition / Sulphated Ash	NMT 0.1 %	0.0715 %
11	Particle Size Distribution		
	D_{10}	$\leq 70\mu$	53 μ
	D_{50}	150 – 200 μ	186 μ
	D_{90}	$\geq 260\mu$	283 μ
MICROBIAL LIMITS			
12	Total Viable Aerobic Count	NMT 1000cfu/g	40
13	Total yeast & Mould Count	NMT 100cfu/g	Nil
14	Escherichia Coli:	Absent	Absent
15	Pseudomonas aeruginosa	Absent	Absent
16	Staphylococcus aureus	Absent	Absent
17	Salmonella species	Absent	Absent
In-house test		Specification	Result
18	Bulk Density	0.26 to 0.40 g/ml	0.2935 g/ml
19	Sieve Analysis (% Retention)		
19.1	60 Mesh	$\geq 10.0\%$	17.2452%
19.2	100 Mesh	$\geq 50.0\%$	67.3236%

The raw materials, manufacturing process, and product do not contain any of solvents listed in Organic Volatile Impurities & residual solvents.

Abbreviation : NMT (Not More Then)

Storage recommendation: Preserve in tight containers.

Prepared By

Checked By



Approved By

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