

RanQ Remedies Pvt. Ltd.

Marketing Office : Ganatra Complex, 112, Next to Punjani Estate, Khopat, Thane (W) 400 601 (INDIA) Tel:022-25477261/62
Factory:D-14, Kurkumbh MIDC, Pune 413802, Taluka-Daund, Maharashtra, INDIA Tel: 02117-235016,17,19

CERTIFICATE OF ANALYSIS

Name of the Product	: Microcrystalline Cellulose	Q.C.Cert. No.	: K028/2023
Batch No.	: K0280123	Grade	: RQ-102
Batch Size	: 5500.0Kg	Dispatch Qty	:3500.0kg
No. of containers sampled	: 22	Mfg. Date	: JAN-2023
Sample tested as per	: USP 43	Exp. Date	: DEC-2027
Sampling Date	: 27/01/2023	Sampled by	: DUDHE
Customer Name:	: Noblaze Dubai	Analysis Date	: 27/01/2023
		Released Date	: 27/01/2023

S.N	TEST	LIMIT	RESULTS
1	Appearance	A white or almost white, It consist of free flowing ,non fibrous particles,	Complies
2	Solubility	Practically insoluble in water in dilute acids and in most of organic solvents practically insoluble in sodium hydroxide solution (1in 20)	Practically insoluble in water in dilute acids and in most of organic solvents practically insoluble in sodium hydroxide solution(1in 20)
3	Identification		
	(A)Infra red absorption Spectrophotometry	As per USP-NF	Complies
	(B) By Chemical test	The substance become violet blue	A violet blue colour is obtained
	(C) Degree of Polymerization	NMT 350	226
4	pH	5.0 to 7.5	6.1
5	Conductivity	NMT 75 μ S/cm	36.7 μ S/cm
6	Water Soluble Substances	NMT 0.25% w/w.	0.12 % w/w
7	Loss on Drying	NMT 7.0 % w/w.	3.7 % w/w
8	Residue On Ignition	NMT 0.1 % w/w.	0.02 % w/w
9	Ether Soluble Substances	NMT 0.05 % w/w.	0.02 % w/w
10	Bulk Density	Untapped Bulk Density Should be 0.26–0.36 gm/ml	0.28 gm/ml
		Tapped Bulk Density Should be 0.35 – 0.50 gm/ml	0.43 gm/ml
11	Particle Size Retained on 60 mesh Retained on 200 mesh	Less than 8.0% w/w More than 45.0 % w/w	2.2 % w/w 56.5 % w/w

Remark : **Sample complies as per USP 43**

Date : 27/01/2023

FDA LIC NO. : MH/101337



Analyzed By : *Psd*
27/01/23

Checked By : *Net*
27/01/23

Approved By : *Aham*
27/01/23