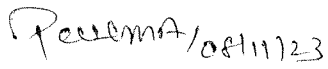
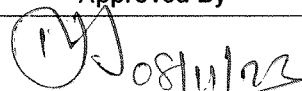


CERTIFICATE OF ANALYSIS

Product Name	NIACINAMIDE (NICOTINAMIDE)	Grade	Ph. Eur. 11.0
Batch No.	B2310-NIA246R	Batch Qty.	30 MT
Mfg. Date	October-2023	Expiry Date	September-2028
A.R. No.	F23QC1-00247	Specification No.	FPS/NIA/F00092/SPEC-01
Storage condition	Preserve in tight containers	Spec. Rev. No.	09
Report Number	NIA/23/01078-00	STP No.	FPP/NIA/F00092/STP-01
Date of Sampling	22/10/2023	STP. Rev. No.	09
Sampling Plan	JVL/QC1/SOP/011	Date of Approval	28/10/2023
Start date of Analysis	22/10/2023	Complete date of Analysis	28/10/2023
Packing Detail	Aluminium bag 25 Kg	Dispatch Qty.	6 MT
Customer Name	JUBILANT LIFE SCIENCES N.V.	Container No.	FANU1841153

Sr. No.	Test	Specification	Result
1	Characters	A white or almost white, crystalline powder or colorless crystals, freely soluble in water and in anhydrous ethanol, slightly soluble in methylene chloride.	White crystalline powder, freely soluble in water and in anhydrous ethanol, slightly soluble in methylene chloride.
2	Identification		
	A. Melting Point	128.0 °C – 131.0°C.	128.4°C -129.6°C
	B. By IR	IR absorption spectrum of the sample should be concordant with the spectrum obtained with Niacinamide working standard.	IR absorption spectrum of the sample is concordant with the spectrum obtained with Niacinamide working standard.
	C. Thin-layer chromatography	The principal spot in the chromatogram obtained with the test solution is similar in position and size to the spot in the chromatogram obtained with the reference solution.	Complies
3	Appearance of Solution (5% in aq. Solution)	Solution should be clear and not more intensely colored than reference solution BY ₇ .	Solution is clear and not more intensely colored than reference solution BY ₇ .
4	pH (5% in aq. Solution)	6.0 - 7.5	6.55
5	Related Substances %w/w (by HPLC)		
	(A) Unspecified impurity	0.10% w/w (max)	0.06% w/w
	(B) Total impurity	0.20 % w/w (max)	0.08% w/w
6	Loss on Drying (in vacuo for 18 hrs)	NMT 0.50 % w/w	0.05% w/w
7	Sulfated Ash	NMT 0.10 % w/w	0.06% w/w
8	Assay (on dried basis) (by Titration)	NLT 99.0 % and NMT 101.0 % w/w	99.7 % w/w

Remark: The material complies as per above specification.

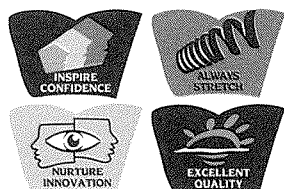
	Prepared By	Checked By	Approved By
Sign./Date	 08/11/23	 08/11/23	 08/11/23
Name	Hemambee Patel	Minhaj Patel	Kailash Kumar

Format No.: QC1-030/F01-08

Page 1 of 1

A Jubilant Bhartia Company

OUR VALUES



Jubilant Ingrevia Limited
Unit-1, Plot No. P1-L1,
Within Jubilant - SEZ at Plot No. 5,
Vilayat - GIDC, Taluka Vagra - 392 012,
Distt. Bharuch, Gujarat, India
Tel: +91 2641 281500
www.jubilantingrevia.com

Corporate Office :
1-A, Sector 16-A
Noida-201 301, Uttar Pradesh, India
Tel: +91 120 4361000
Fax: +91 120 4234895-96

Regd. Office :
Bhartiagram, Gajarula
Dist. Amroha - 244 223,
Uttar Pradesh, India
CIN : U24299UP2019PLC122657