



CERTIFICATE OF ANALYSIS

Name of the Product : NIACINAMIDE (Free Flow)	Mfg. License No: 153/RR/AP/2000/B/R(L)
Batch No : 4088042019/J/AF	Date of Mfg. : April'2019
Quantity : 1000 Kgs	Date of Expiry : March'2024
	Date of Analysis: 22.04.2019

TESTS	OBSERVATIONS	SPECIFICATION
<u>A. DESCRIPTION</u>	: White crystalline free flowing powder. Odourless, solution is neutral to litmus.	White crystalline free flowing powder. Odourless or practically so, and solutions are neutral to litmus.
<u>B. PROPERTIES</u>		
1) Granulation BSS +#100	: 1 %	Max. 5% (Method: Brushed)
2) Melting Point	: 130.6 °C	Between 128 to 131 °C (Method :Capillary)
3) Solubility	: Conforms	1g / 1ml (Method : Cold water)
<u>C. ANALYSIS</u>		
1) Assay (on dry basis)	: 99.29% w/w	Not less than 98.0%w/w and not more than 100.5%w/w (Method : B.P)
2) Moisture	: 0.094% w/w	Max.0.5%w/w
3) Residue on Ignition	: 0.51% w/w	Max. 0.7%w/w (Method : F.C.C)
4) Heavy Metals (As Pb)	: < 5 ppm	Not more than 30 ppm
5) Readily carbonizable substances	: Conforms	To pass test (Method : F.C.C)
6) U.V (Max. 245, 262nm)	: 0.65	(Method : Spectrophotometer)
7) pH	: 6.80	Between 6.5 to 7.5 (Method : Potentiometric)

Storage condition : Store in Tight container

Report : The material conforms to the standard specifications.

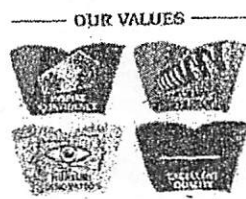
ANALYSED BY:

M. Chandrasekhar
22.04.2019
M.CHANDRASEKHAR
Analytical Chemist

APPROVED BY:

P. Lakshmanarao
22/04/19
P.LAKSHMANARAO
Manufacturing Chemist

A Jubilant Bhartia Company



Jubilant Life Sciences Limited
(Formerly Jubilant Organosys Ltd)
1-A, Sector-16A,
Noida 201301, U.P., India.
Tel. : +91 120 2516601-11
Fax : +91 120 2516628-30
www.jubl.com

USA office
Tel : +1(203) 2304890
Fax : +1(203) 2304870

China Office
Tel : +86 (21) 64159378
Fax : +86 (21) 64152793