

QUALITY CONTROL DEPARTMENT
FOLIC ACID

Revision: R1

Initial Date:20.02.2020

Revised Date : 19.02.2022

Next Review Date:18.02.2024

Supersedes R1, Dated: 19.02.2022

FINISHED PRODUCT SPECIFICATION

General Information:		
Chemical name : Folic acid	Molecular Formula: C ₁₉ H ₁₉ N ₇ O ₆	Product code: NPCF0036
Parameters	Specification	Method
Physical Parameters:		
Description	Light yellow to yellow colored powder with characteristic odor.	Visual
Identification	To comply by IR Spectrum	IR
Moisture content	Not more than 9.0%	USP<731>
Residue on Ignition	Not more than 0.3%	USP<281>
Tapped bulk density	Between 0.40 g/ml and 0.70 g/ml	USP<616>
Loose bulk density	Between 0.30 g/ml and 0.50 g/ml	USP<616>
Sieve test (passes through) -40 Mesh	Not less than 100.0%	USP<786>
Chemical Parameters:		
Assay	Between 95.0% and 102.0% on dried basis	In-House
Others:		
Heavy metals	Not more than 10 ppm	USP<2232>
Arsenic	Not more than 1ppm	ICP-OES
Lead	Not more than 3 ppm	ICP-OES
Cadmium	Not more than 1 ppm	ICP-OES
Mercury	Not more than 0.1 ppm	ICP-OES
Microbiological Profile:		
Total Plate Count	Not more than 5000cfu/g	USP<2021>
Mold & Yeast	Not more than 100cfu/g	USP<2021>
<i>E.coli</i>	Negative/10g	USP<2022>
<i>Salmonella</i>	Negative/25g	USP<2021>
<i>Staphylococcus aureus</i>	Negative/10g	USP<2021>
<i>Pseudomonas aeruginosa</i>	Negative/10g	USP<2021>

 #9E/17, Peenya Industrial Area, 2nd Phase, Chokkasandra, Bangalore- 560058.

Ph no: 91 80 23 25 35 78, Email: mail@novelnutrient.com Web: www.novelnutrient.com



Kosher Halal GMP Organic & FSSC 22000 Certified Company

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<i>Additional Information</i>	
Genetic Modification status	GMO free
Irradiation status	Non-irradiated
BSE/TSE status	BSE/TSE free
Shelf life	3 years
Storage condition	Store in a cool & dry place in an air tight container. Protect from direct heat and light.
Manufactured by	Novel Nutrientss Pvt Ltd #9E/17, Peenya Industrial Area, 2 nd Phase, Chokkasandra, Bangalore- 560058, Karnataka
Country of origin	India

Prepared by:

QA Executive:

Deeksha.P.R

Approved by:

Senior Officer-QA

Latha D