



CERTIFICATE OF ANALYSIS

Manufactured for	Nutrali		
Name of product:	Quercetin	NPN	80131948
Packaging Lot # :	M2400321/1	Master Packaging Record #	Expiry Date :
		MPR	08/2027
		NT-N948-60-V0	
Manufacturing Lot # :	M2400321	Master Manufacturing Record #:	MFG Date:
		MMR	09/2024
		NT-N948-V0	
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.		
Physical Description:	Yellow colour powder in clear veggio capsule size"0"	60 count in Bottle-250CC-45/400 whiteHDPE Round	

Physical Tests:

TESTES	Results	Specifications				Method
		Low	Target	High	Strengt	
Average Wt. of Capsules	706 mg	674	749	824	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	08 min	NMT 30 min				USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR
Quantity / Potency :	Results	Low	Target	High	Strengt	Method
By Quantitative Analysis						
Quercetin (Sophora japonica)	615.28 mg	540.00	600.00	660.00	mg	JPL-048.00(HPLC)

PURITY:

MICRO:	Results	Limits	Method
Total Plate Count	<10 c.f.u./g	< 100,000 c.f.u / g	USP< 2021>/AOAC
Total Yeast	<10 c.f.u./g	< 10,000 c.f.u / g	USP< 2021>/AOAC
Total Mold	50 c.f.u /g	< 10,000 c.f.u / g	USP< 2021>/AOAC
E.Coli	Not Detected	Not Detected	USP< 2022>/AOAC
Salmonella Spp	Not Detected	Not Detected	USP< 2022>/AOAC
Staphylococcus Aureus	Not Detected	Not Detected	USP< 2022>/AOAC

HEAVY METALS:	Results	Limits - 2 capsules / day	Method
Arsenic	<0.0001 mcg /kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	0.00004 mcg /kg b.w./day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0006 mcg /kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	0.00110 mcg /kg b.w./day	< 0.29 mcg / kg b.w./day	ICP-MS

Prepared by: [Signature] Sept. 19. 2024

Approved by: [Signature] Sept 19, 2024.
Quality Assurance

This report is submitted for the exclusive use of the person(s), partnership(s), or corporation(s) to whom it is addressed. Neither the report, name NutraNorth Inc., nor its staff may be used in conjunction with the advertising, or sale of any product or process without written consent. This information is the exclusive property of NutraNorth Inc. and may not be reproduced in whole or part without exclusive written authorization.



F.75-R1-P1 -07/2016