



Manuka Health NZ Ltd - Certificate of Analysis

Type: **Manuka Honey** Pack Size: **250g**
Product Name: **MGO 573+ UMF16+** Manufacture Date: **5 June 2020**
Batch Identification: **KMH16483** Best Before Date: **4 June 2024**
Manuka Honey Definition: **Monofloral**

Chemistry Test	Specification	Result	Laboratory
Diastase	as tested - schade/g	3.5	MHNZ Laboratory
HydroxyMethylfurfural	Not more than 40 mg/kg	39.29	MHNZ Laboratory
Methylglyoxal	> than label mg/kg	587.58	MHNZ Laboratory
Moisture Content	Not more than 20%	18.5	MHNZ Laboratory
Tutin	<0.70 mg/kg	<0.01	Third Party Lab
Manuka Honey Markers	Specification	Result	Laboratory
3-phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	590	Third Party Lab
2-methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	12.0	Third Party Lab
2-methoxybenzoic acid (2-MB)	≥ 1 mg/kg	12.0	Third Party Lab
4-hydroxyphenyllactic acid (4-HPA)	≥ 1 mg/kg	9.3	Third Party Lab
DNA from Manuka pollen	< Cq 36	31.08	Third Party Lab
Microbiology Test	Specification	Result	Laboratory
Aerobic Plate Count	<10 000 cfu/g	10	Third Party Lab
Escherichia coli	<0.3 MPN/g	<0.3	Third Party Lab
Mould	<1000 cfu/g	<50	Third Party Lab
Staphylococcus aureus	Not detected/25g	Not detected	Third Party Lab
Total Coliform	<10 MPN/g	<0.3	Third Party Lab
Yeast	<1000 cfu/g	<50	Third Party Lab

Released by:

Sign: 

Date: 22 JUN 2020

Colleen Podmore
Quality Release Coordinator

Authorised by:

Sign: 

Date: 22 JUN 2020

Shilpa Akshay Joshi
Quality Manager

manukahealth.co.nz

Given by Nature. Proven by Science.