



Manuka Health NZ Ltd - Certificate of Analysis

Type: **Manuka Honey** Pack Size: **250g**
Product Name: **MGO 400+** Manufacture Date: **13 August 2020**
Batch Identification: **KMH17133** Best Before Date: **12 August 2024**
Manuka Honey Definition: **Monofloral**

Chemistry Test	Specification	Result	Laboratory
Diastase	as tested - schade/g	11.7	MHNZ Laboratory
HydroxyMethylfurfural	Not more than 40 mg/kg	32.64	MHNZ Laboratory
Methylglyoxal	> than label mg/kg	442.41	MHNZ Laboratory
Moisture Content	Not more than 20%	18.0	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)	570	Third Party Lab
2-methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	9.8	Third Party Lab
2-methoxybenzoic acid (2-MB)	≥ 1 mg/kg	11.0	Third Party Lab
4-hydroxyphenyllactic acid (4-HPA)	≥ 1 mg/kg	6.9	Third Party Lab
DNA from Manuka pollen	< Cq 36	25.97	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	<10	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	40	Third Party Lab

Released by:

Sign: 

Date: 28 AUG 2020

Colleen Podmore
Quality Release Coordinator

Authorised by:

Sign: 

Date: 28 AUG 2020

Shilpa Akshay Joshi
Quality Manager