



## Manuka Health NZ Ltd - Certificate of Analysis

Type: **Manuka Honey** Pack Size: **500g**  
Product Name: **MGO 550+** Manufacture Date: **4 February 2020**  
Batch Identification: **KMH15120** Best Before Date: **3 February 2024**  
Manuka Honey Definition: **Monofloral**

Chemistry Test	Specification	Result	Laboratory
Diastase	as tested - shade/g	12.7	MHNZ Laboratory
HydroxyMethylfurfural	Not more than 40 mg/kg	22.16	MHNZ Laboratory
Methylglyoxal	> than label mg/kg	685.25	MHNZ Laboratory
Moisture Content	Not more than 20%	18.3	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)	790	Third Party Lab
2-methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	17.0	Third Party Lab
2-methoxybenzoic acid (2-MB)	≥ 1 mg/kg	6.6	Third Party Lab
4-hydroxyphenyllactic acid (4-HPA)	≥ 1 mg/kg	5.9	Third Party Lab
DNA from Manuka pollen	< Cq 36	31.83	Third Party Lab
Microbiology Test	Specification	Result	Laboratory
Aerobic Plate Count	<10 000 cfu/g	20	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	<10	Third Party Lab

Released by:

Sign: Colleen Podmore

Date: 21 FEB 2020

Colleen Podmore  
Quality Release Coordinator

Authorised by:

Sign: Shilpa Akshay Joshi

Date: 21 FEB 2020

Shilpa Akshay Joshi  
Quality Manager