



cosana new zealand

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Certificate of Analysis

Product Description: **MGO400+ Manuka Honey - 500g - Europe**
Batch Number: **CSNZ11104** Manufacture Date: **13 April 2023**
Sample Reference: **CSNZ11086** Best Before Date: **12 April 2027**
Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

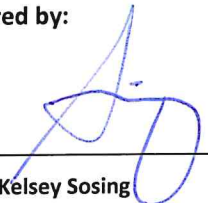
Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	459	Hill Laboratories	3230044.1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	20	Hill Laboratories	3230044.1
Dihydroxyacetone (DHA)	As tested - mg/kg	877	Hill Laboratories	3230044.1
Tutin	<0.70 mg/kg	0.034	Hill Laboratories	3230044.1
Moisture Content	<19%	18	Hill Laboratories	3230044.1
Colour	As tested - pfund	88	Hill Laboratories	3230044.1
Glyphosate	<0.01 mg/kg	<0.01	Hill Laboratories	3230044.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	820	Hill Laboratories	3230044.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	17.8	Hill Laboratories	3230044.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	10.1	Hill Laboratories	3230044.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	5.8	Hill Laboratories	3230044.1
DNA from Manuka pollen	< Cq 36	27.34	Hill Laboratories	3230044.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	59	Hill Laboratories	3230044.1
Yeast	<1000 cfu/g	230	Hill Laboratories	3230044.1
Mould	<1000 cfu/g	230	Hill Laboratories	3230044.1
Staphylococcus aureus	<50 cfu/g	Not Detected	Hill Laboratories	3230044.1
Total Coliform	<10 cfu/g	<10	Hill Laboratories	3230044.1

Disclaimer

This Certificate of Analysis (CoA) refers to the results of the above complete suite obtained from various IANZ & RLP Accredited laboratories. Upon request, Cosana NZ will provide full reports of individual test(s). The test report(s) shall not be reproduced except in full, without the written permission of Cosana NZ.

The undersigned hereby certifies the above data to be true specification(s) of the obtained results and assays as per the corresponding sample reference.

Prepared by:

Sign: 

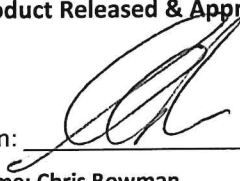
Name: **Kelsey Sosing**

Quality Controller

COSANA NEW ZEALAND

Date: 14 April 2023

Product Released & Approved by:

Sign: 

Name: **Chris Bowman**

Chief Executive Officer

COSANA NEW ZEALAND

Date: 14 April 2023

