



# cosana new zealand

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## Certificate of Analysis

Product Description: **MGO400+ Manuka Honey - 500g - Europe**  
Batch Number: **CSNZ11017** Manufacture Date: **23 February 2023**  
Sample Reference: **CSNZ10817** Best Before Date: **22 February 2027**  
Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	551	Agritestig	22-J1018-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	22.4	Agritestig	22-J1018-1
Dihydroxyacetone (DHA)	As tested - mg/kg	946	Agritestig	22-J1018-1
Foreign Matter	None Detected	Not Detected	Agritestig	22-J1018-1
Tutin	<0.70 mg/kg	<0.010	Hill Laboratories	3138953.1
Moisture Content	<19%	18.7	Agritestig	22-J1018-1
Colour	As tested - pfund	59	Agritestig	22-J1018-1
Glyphosate	<0.01 mg/kg	<0.01	Hill Laboratories	3138953.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	960	Hill Laboratories	3138953.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	18.6	Hill Laboratories	3138953.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	8.8	Hill Laboratories	3138953.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	6.7	Hill Laboratories	3138953.1
DNA from Manuka pollen	< Cq 36	31.32	Hill Laboratories	3138953.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	540	Analytica	22-45532-1
Yeast	<1000 cfu/g	590	Analytica	22-45532-1
Mould	<1000 cfu/g	<10	Analytica	22-45532-1
Staphylococcus aureus	<50 cfu/g	Not Detected	Analytica	22-45532-1
Total Coliform	<10 cfu/g	<10	Analytica	22-45532-1

### 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: 24 February 2023

### Product Released & Approved by:

Sign: 

Name: Chris Bowman

Chief Executive Officer

COSANA NEW ZEALAND

Date: 24 February 2023

