



cosana new zealand

3 Keehan Drive, Hilltop, Taupo, Waikato, 3379, New Zealand
Phone: +64 (0) 7 378 2018 Website: <https://cosana.com/>

Certificate of Analysis

Product Description: **MGO400+ Manuka Honey - 500g - Europe**
 Batch Number: **CSNZ10631** Manufacture Date: **29 September 2022**
 Sample Reference: **CSNZ10629** Best Before Date: **28 September 2026**
 Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	542	Agritesting	22-J0550-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	19.9	Agritesting	22-J0550-1
Dihydroxyacetone (DHA)	As tested - mg/kg	1001	Agritesting	22-J0550-1
Foreign Matter	None Detected	Not Detected	Agritesting	22-J0550-1
Tutin	<0.70 mg/kg	<0.010	Hill Laboratories	3080503.1
Moisture Content	<19%	18.5	Agritesting	22-J0550-1
Colour	As tested - pfund	60.0	Agritesting	22-J0550-1
Glyphosate	<0.01 mg/kg	<0.010	Hill Laboratories	3080503.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	950	Hill Laboratories	3080503.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	15.9	Hill Laboratories	3080503.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	8.7	Hill Laboratories	3080503.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	7.4	Hill Laboratories	3080503.1
DNA from Manuka pollen	< Cq 36	27.26	Hill Laboratories	3080503.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	900	Gribbles	DU2235970
Yeast	<1000 cfu/g	250	Gribbles	DU2235970
Mould	<1000 cfu/g	<50	Gribbles	DU2235970
<i>Staphylococcus aureus</i>	<50 cfu/g	<50	Gribbles	DU2235970
Total Coliform	<10 cfu/g	<10	Gribbles	DU2235970

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: 19 October 2022

Product Released & Approved by:

Sign: _____

Name: **Chris Bowman**

Chief Executive Officer

COSANA NEW ZEALAND

Date: 19 October 2022

