



cosana

new zealand

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Certificate of Analysis

Product Description: **MGO400+ Manuka Honey - 500g - Europe**
 Batch Number: **CSNZ10850** Manufacture Date: **29th November 2022**
 Sample Reference: **CSNZ10716** Best Before Date: **28th November 2026**
 Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	415	Agritestng	22-J0946-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	20.1	Agritestng	22-J0946-1
Dihydroxyacetone (DHA)	As tested - mg/kg	1029	Agritestng	22-J0946-1
Diastase Activity	≥ 8 Schade/g	12.1	Agritestng	22-J0946-1
Foreign Matter	None Detected	Not Detected	Agritestng	22-J0946-1
Tutin	<0.70 mg/kg	0.101	Hill Laboratories	3108615.1
Moisture Content	<19%	18.5	Agritestng	22-J0946-1
Colour	As tested - pfund	56.0	Agritestng	22-J0946-1
Glyphosate	<0.01 mg/kg	<0.010	Hill Laboratories	3108615.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	970	Hill Laboratories	3108615.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	6.7	Hill Laboratories	3108615.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	27.0	Hill Laboratories	3108615.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	6.1	Hill Laboratories	3108615.1
DNA from Manuka pollen	< Cq 36	25.26	Hill Laboratories	3108615.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	1300	Gribbles	DU2236566
Yeast	<1000 cfu/g	300	Gribbles	DU2236566
Mould	<1000 cfu/g	<50	Gribbles	DU2236566
<i>Staphylococcus aureus</i>	<50 cfu/g	<50	Gribbles	DU2236476
Total Coliform	<10 cfu/g	<10	Gribbles	DU2236476

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: 30th November 2022

Product Released & Approved by:

Sign: _____

Name: Chris Bowman
Chief Executive Officer
COSANA NEW ZEALAND
Date: 30th November 2022

