



cosana new zealand

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Certificate of Analysis

Product Description: **MGO100+ Manuka Honey - 500g - Europe**
 Batch Number: **CSNZ10892** Manufacture Date: **19th January 2023**
 Sample Reference: **CSNZ10095** Best Before Date: **18th January 2027**
 Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	269	Agritestig	22-J0032-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	6.4	Agritestig	22-J0032-1
Dihydroxyacetone (DHA)	As tested - mg/kg	481	Agritestig	22-J0032-1
Diastase Activity	≥ 8 Schade/g	11.9	Agritestig	22-J0032-1
Foreign Matter	None Detected	Not Detected	Agritestig	22-J0032-1
Tutin	<0.70 mg/kg	<0.010	Hill Laboratories	2836442.1
Moisture Content	<19%	17.3	Agritestig	22-J0032-1
Colour	As tested - pfund	54.0	Agritestig	22-J0032-1
Glyphosate	<0.01 mg/kg	<0.010	Hill Laboratories	2836562.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	470	Hill Laboratories	2836442.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	7.6	Hill Laboratories	2836442.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	4.9	Hill Laboratories	2836442.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	4.5	Hill Laboratories	2836442.1
DNA from Manuka pollen	< Cq 36	22.68	Hill Laboratories	2836442.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	21	Hill Laboratories	2833189.1
Yeast	<1000 cfu/g	900	Hill Laboratories	2833189.1
Mould	<1000 cfu/g	900	Hill Laboratories	2833189.1
<i>Staphylococcus aureus</i>	<50 cfu/g	<10	Hill Laboratories	2833189.1
Total Coliform	<10 cfu/g	<10	Hill Laboratories	2833189.1

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: 21st January 2023

Product Released & Approved by:

Sign: _____

Name: Chris Bowman
Chief Executive Officer
COSANA NEW ZEALAND
Date: 21st January 2023

