



cosana

new zealand

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Certificate of Analysis

Product Description: **MGO550+ Manuka Honey - 250g - Europe**
 Batch Number: **CSNZ10993** Manufacture Date: **31st January 2023**
 Sample Reference: **CSNZ10081** Best Before Date: **30th January 2027**
 Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	638	Agritesting	22-J0308-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	26.7	Agritesting	22-J0308-1
Dihydroxyacetone (DHA)	As tested - mg/kg	805	Agritesting	22-J0308-1
Diastase Activity	≥ 8 Schade/g	4.5	Agritesting	21-J0708-1
Foreign Matter	None Detected	Not Detected	Agritesting	21-J0708-1
Tutin	<0.70 mg/kg	<0.010	Hill Laboratories	2787365.1
Moisture Content	<19%	17.9	Agritesting	21-J0708-1
Colour	As tested - pfund	57.0	Agritesting	21-J0708-1
Glyphosate	<0.01 mg/kg	<0.010	Hill Laboratories	2787475.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	1140	Hill Laboratories	2787365.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	15.0	Hill Laboratories	2787365.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	19.3	Hill Laboratories	2787365.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	9.0	Hill Laboratories	2787365.1
DNA from Manuka pollen	< Cq 36	25.98	Hill Laboratories	2787365.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	<50	Gribbles	DU2134305
Yeast	<1000 cfu/g	350	Gribbles	DU2134305
Mould	<1000 cfu/g	<50	Gribbles	DU2134305
<i>Staphylococcus aureus</i>	<50 cfu/g	<50	Gribbles	DU2134305
Total Coliform	<10 cfu/g	<10	Gribbles	DU2134305

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: 1st February 2023

Product Released & Approved by:

Sign: _____

Name: Chris Bowman

Chief Executive Officer
COSANA NEW ZEALAND

Date: 1st February 2023

