



# cosana

new zealand

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## Certificate of Analysis

Product Description: **MGO250+ Manuka Honey - 250g - Europe**  
Batch Number: **CSNZ10893** Manufacture Date: **19th January 2023**  
Sample Reference: **CSNZ10084** 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	<b>336</b>	Agritestng	21-J0727-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	<b>9.0</b>	Agritestng	21-J0727-1
Dihydroxyacetone (DHA)	As tested - mg/kg	<b>813</b>	Agritestng	21-J0727-1
Diastase Activity	≥ 8 Schade/g	<b>12.9</b>	Agritestng	21-J0727-1
Foreign Matter	None Detected	<b>Not detected</b>	Agritestng	21-J0727-1
Tutin	<0.70 mg/kg	<b>0.028</b>	Hill Laboratories	2794131.1
Moisture Content	<19%	<b>17.4</b>	Agritestng	21-J0727-1
Colour	As tested - pfund	<b>55.0</b>	Agritestng	21-J0727-1
Glyphosate	<0.01 mg/kg	<b>&lt;0.010</b>	Hill Laboratories	2794416.1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	<b>870</b>	Hill Laboratories	2794131.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	<b>12.6</b>	Hill Laboratories	2794131.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	<b>4.7</b>	Hill Laboratories	2794131.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	<b>5.8</b>	Hill Laboratories	2794131.1
DNA from Manuka pollen	< Cq 36	<b>24.25</b>	Hill Laboratories	2794131.1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	<b>400</b>	Gribbles	DU2134415
Yeast	<1000 cfu/g	<b>800</b>	Gribbles	DU2134415
Mould	<1000 cfu/g	<b>&lt;50</b>	Gribbles	DU2134415
<i>Staphylococcus aureus</i>	<50 cfu/g	<b>&lt;50</b>	Gribbles	DU2134415
Total Coliform	<10 cfu/g	<b>&lt;10</b>	Gribbles	DU2134415

### 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

