



# cosana

## new zealand

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### Certificate of Analysis

Product Description: **MGO550+ Manuka Honey - 250g - Europe**  
Batch Number: **CSNZ11093** Manufacture Date: **6 April 2023**  
Sample Reference: **CSNZ10081** Best Before Date: **5 April 2027**  
Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	<b>638</b>	Agritesting	22-J0308-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	<b>26.7</b>	Agritesting	22-J0308-1
Dihydroxyacetone (DHA)	As tested - mg/kg	<b>805</b>	Agritesting	22-J0308-1
Foreign Matter	None Detected	<b>Not Detected</b>	Agritesting	22-J0708-1
Tutin	<0.70 mg/kg	<b>&lt;0.010</b>	Agritesting	22-J0708-1
Moisture Content	<19%	<b>17.9</b>	Agritesting	22-J0708-1
Colour	As tested - pfund	<b>57</b>	Agritesting	22-J0708-1
Glyphosate	<0.01 mg/kg	<b>&lt;0.010</b>	Agritesting	22-J0708-1
Manuka Honey Markers	Specifications	Results	Tested By	Reference
3-Phenyllactic acid (3-PLA)	≥ 400 mg/kg (monofloral) ≥ 20 mg/kg (multifloral)	<b>1140</b>	Agritesting	22-J0708-1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	<b>15.0</b>	Agritesting	22-J0708-1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	<b>19.3</b>	Agritesting	22-J0708-1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	<b>9.0</b>	Agritesting	22-J0708-1
Microbiology Test (s)	Specifications	Results	Tested By	Reference
Aerobic Plate Count	<10000 cfu/g	<b>&lt;50</b>	Gribbles	DU2134305
Yeast	<1000 cfu/g	<b>350</b>	Gribbles	DU2134305
Mould	<1000 cfu/g	<b>&lt;50</b>	Gribbles	DU2134305
Staphylococcus aureus	<50 cfu/g	<b>&lt;50</b>	Gribbles	DU2134305
Total Coliform	<10 cfu/g	<b>&lt;10</b>	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: 07 April 2023

#### Product Released & Approved by:

Sign: 

Name: **Chris Bowman**

Chief Executive Officer

COSANA NEW ZEALAND

Date: 07 April 2023

