



# cosana new zealand

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## Certificate of Analysis

Product Description: **MGO550+ Manuka Honey - 250g - Europe**  
 Batch Number: **CSNZ10632** Manufacture Date: **15 September 2022**  
 Sample Reference: **CSNZ10081** Best Before Date: **14 September 2026**  
 Manuka Honey Classification (MPI, NZ): **Monofloral Manuka Honey**

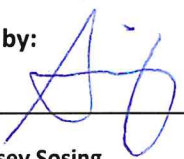
Chemistry Test (s)	Specifications	Results	Tested By	Reference
Methylglyoxal (MGO)	> than label mg/kg	<b>638</b>	AgriTesting	22-J0308-1
HydroxyMethylfurfural (HMF)	< 40 mg/kg	<b>26.7</b>	AgriTesting	22-J0308-1
Dihydroxyacetone (DHA)	As tested - mg/kg	<b>805</b>	AgriTesting	22-J0308-1
Foreign Matter	None Detected	<b>Not Detected</b>	AgriTesting	21-J0708-1
Tutin	<0.70 mg/kg	<b>&lt;0.010</b>	Hill Laboratories	2787365.1
Moisture Content	<19%	<b>17.9</b>	AgriTesting	21-J0708-1
Colour	As tested - pfund	<b>57.0</b>	AgriTesting	21-J0708-1
Glyphosate	<0.01 mg/kg	<b>&lt;0.010</b>	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)	<b>1140</b>	Hill Laboratories	2787365.1
2-Methoxyacetophenone (2-MAP)	≥ 5 mg/kg (monofloral) ≥ 1 mg/kg (multifloral)	<b>15.0</b>	Hill Laboratories	2787365.1
2-Methoxybenzoic acid (2-MBA)	≥ 1 mg/kg	<b>19.3</b>	Hill Laboratories	2787365.1
4-Hydroxyphenyllactic acid (4-HPLA)	≥ 1 mg/kg	<b>9.0</b>	Hill Laboratories	2787365.1
DNA from Manuka pollen	< Cq 36	<b>25.98</b>	Hill Laboratories	2787365.1
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
<i>Staphylococcus aureus</i>	<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: 19 October 2022

Product Released & Approved by:

Sign: 

Name: **Chris Bowman**

Chief Executive Officer

COSANA NEW ZEALAND

Date: 19 October 2022

