

Certificate of Analysis



Date	12/04/2024
Honey Type	Manuka Honey
Manufacture Date	14/04/2023
Batch Number	23B20
Grade	UMF 20+
Best Before	1/04/2028
Product Codes	9421903850515
Jar Sizes	500g

Parameter	Composition	Results
<u>Appearance</u>	Medium Cream to medium brown	Complies
<u>Physical</u>		
Foreign matter (micron):	100 Micron Filtration	Complies
<u>Organoleptic</u>		
Aroma:	Damp earth, Mineral	Complies
Flavour:	Tangy, slightly bitter, mineral	Complies
<u>Chemical</u>		
Tutin:	<0.70mg/kg	Complies
Moisture:	<20%	17.5
% C4 Sugars:	<7	6.2
Hydroxymethylfural:	<40 mg/1kg	25.9
<u>Microbiological</u>		
UMF		21.7
Methylglyoxal	MG (mg/kg)	895

Honey must be stored at $\leq 25^{\circ}\text{C}$ and avoid direct sunlight at all times.

	Average per serving	Average per 100g
Energy	142kj	1420kj
Protein	Less than 1g	Less than 1g
Fat (total)	Less than 1g	Less than 1g
Carbohydrate	8.07g	80.7g
Sodium	0.38mg	3.85mg

Julie Hayes
 Director
 BeeNZ Limited
 Katikati, New Zealand

Julie Hayes
Director
BeeNZ Limited
Katikati, New Zealand

A handwritten signature in blue ink, appearing to be 'JH', located to the right of the printed name.

Certificate of Analysis



Date	7/09/2023
Honey Type	Manuka Honey
Manufacture Date	23/06/2023
Batch Number	23C2
Grade	UMF 20+
Best Before	01/06/2028
Product Codes	9421903850003 / 9421903850515
Jar Sizes	250g, 500g

Parameter	Composition	Results
<u>Appearance</u>	Medium Cream to medium brown	Complies
<u>Physical</u>		
Foreign matter (micron):	200 Micron Filtration	Complies
<u>Organoleptic</u>		
Aroma:	Damp earth, Mineral	Complies
Flavour:	Tangy, slightly bitter, mineral	Complies
<u>Chemical</u>		
Tutin:	<0.70mg/kg	Complies
Moisture:	<20%	17.4
% C4 Sugars:	<7	6.9
Hydroxymethylfural:	<40 mg/1kg	27.5
<u>Microbiological</u>		
UMF		21.8
Methylglyoxal	MG (mg/kg)	954

Honey must be stored at $\leq 25^{\circ}\text{C}$ and avoid direct sunlight at all times.

	Average per serving	Average per 100g
Energy	142kj	1420kj
Protein	Less than 1g	Less than 1g
Fat (total)	Less than 1g	Less than 1g
Carbohydrate	8.07g	80.7g
Sodium	0.38mg	3.85mg

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Unique Mānuka Factor™
Honey Association

THE UMF™ GRADING SYSTEM
APPRAISES NATURAL MARKERS
FOUND IN MĀNUKA HONEY AND
ASSURES PURITY AND QUALITY

UMF™ CERTIFICATE

www.umf.org.nz

UMF™ LICENSEE BeeNZ Limited C/- D & J Hayes 49 Rea Rd, RD 2 Katikati 3178 License No: 2188	TESTING LABORATORY Analytica Laboratories Ltd Ruakura Research Center 10 Bisley Road Hamilton 3214 New Zealand Lab Ref:23-14081-1 <hr/> Date Received:2023-05-09 <hr/> Date Reported:2023-05-09	 ANALYTICA LABORATORIES
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BATCH INFORMATION

SAMPLE ID	BATCH NO.
23B20	23B20

UMF™ GRADING BASED ON LABORATORY TEST RESULTS

FLORAL DESCRIPTOR PER CODEX ALIMENTARIUS	UMF™ GRADE
Monofloral	21.7

LABORATORY TEST RESULTS

Leptosperin mg/kg	Dihydroxyacetone (DHA) mg/kg	Methylglyoxal (MG) mg/kg	Hydroxymethylfurfural (HMF) mg/kg
638	1380	950	26.00

ANALYSTS COMMENTS

BeeNZ Limited

Scan to view certificate and information on UMF™ grading to interpret your report results.



<https://certification.umf.org.nz/certs/?id=U1000004373>

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BATCH INFORMATION

SAMPLE ID	BATCH NO.
23C2	23C2

UMF™ GRADING BASED ON LABORATORY TEST RESULTS

FLORAL DESCRIPTOR PER CODEX ALIMENTARIUS	UMF™ GRADE
Monofloral	21.8

LABORATORY TEST RESULTS

Leptosperin mg/kg	Dihydroxyacetone (DHA) mg/kg	Methylglyoxal (MG) mg/kg	Hydroxymethylfurfural (HMF) mg/kg
521	1540	954	28.00

ANALYSTS COMMENTS

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