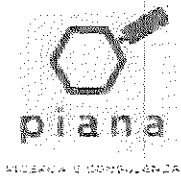


Piana Ricerca e Consulenza srl unipersonale



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Rapporto di Prova N. 20240613 del 25/07/2024

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Richiedente
AGRITUR SOCIETA' AGRICOLA COOPERATIVA
VIA SERRA 56
40042 LIZZANO IN BELVEDERE (BO) Italia

Nostro riferimento	20240613	Altre informazioni	Prov. Bologna/Modena
Riferimento	20067	Ricevuto il	20/06/2024
Prodotto	Miele/Honey	Data inizio/fine analisi	16/07/2024 / 23/07/2024
Or. Geo dichiarata	Italia/Italy - Emilia Romagna	Origine Bot. dichiarata	Robinia/Acacia

Analisi esterne: allegato rapporto di prova di Lifeanalytics S.r.l.

Il presente rapporto riguarda esclusivamente il campione sottoposto a prova ed esso non può essere riprodotto parzialmente, se non previa approvazione scritta da parte di questo Laboratorio.

IL DIRETTORE DEL LABORATORIO

Maria Lucia Piana



TEST REPORT N° 24LA0037448

Report issue date: 24/07/2024

SAMPLE INFORMATION

Sample code: 24LA0037448

Customer: PIANA RICERCA E CONSULENZA SRL, VIA UMBRIA 41 FRAZ. OSTERIA GRANDE 40024 CASTEL SAN PIETRO TERME (BO)

Sample identification: Miele e derivati

Sample description (\$): 20240613

Receiving date: 16/07/2024

Analysis starting date: 15/07/2024

Analysis end date: 23/07/2024

SAMPLING INFORMATION

Sampling date (\$): 11/07/2024

Collection place (\$): -

Sampling by: Cliente

Transported by: Corriere

ANALYTICAL RESULTS

Test	M.U.	Result	LOQ
Metodo			
Hydroxymethylfurfural (HMF)	mg/kg	1.2	0.5
Contaminante Totale			

TEST REPORT N° 24LA0037448

Notes

Results reported in this test report are referred exclusively to the sample analysed by the laboratory.
This test report can not be reproduced partially, unless specified by the laboratory by written authorisation.
(\$) Data submitted by the client under his responsibility.

Other informations deemed useful for the interpretation of the results

The reported uncertainty 'Unc.' is the expanded uncertainty calculated using a coverage factor of 2 which gives a confidence level of approximately 95%. The reported uncertainty refers to the uncertainty of the analysis without the sampling uncertainty concern.

For asbestos tests on the areiform matrix, the lower confidence limit (LCL) and the upper confidence limit (UCL) are indicated with a probability level of 95% and with a coverage factor $K=2$.

Please note that each result expressed as 'n.r.' does not indicate the absence of the parameter in the sample.

LOQ: limit of quantification: It is the lowest analyte concentration in the sample that can be detected with acceptable accuracy under well specified conditions.

If the sampler is not a laboratory technician, the data relating to the description of the sample and the sampling are understood to be provided by the person who performed the same, and the laboratory disclaims responsibility for any information that may affect the validity of the results; the results contained in the Test Report refer, in this case, exclusively to the sample as received, and the laboratory declines responsibility for the results of those parameters that could have been influenced by deviations from the information present in the MD-26 'customer information' (e.g. times and containers), of which the customer was informed. In this case, they will be appropriately indicated in the test report, if the customer confirms to continue with the analysis.

If the sampling has not been performed by one of our technicians, the results that take into account the measurements made during the sampling phase are obtained by processing the data expressly declared by the person who performed it.

The analytical activity was conducted on a representative fraction of the sample registered by the laboratory. Preparation of representative test portions from the laboratory sample on waste matrix was carried out according to the UNI EN 15002:2015 standard.

Conformity opinions: values that comply with and do not comply with laws, decrees, national and EU regulations, specifications provided by the customer are assessed on a case-by-case, which in this case will be made explicit.

Analysis starting date: this refers to the sample processing start date, which can include the aliquotation and homogenization phase of the same.

Analysis end date: means the date of approval of the results in the LIMS by the laboratory.

Lab Director

Dott.ssa Claudia Caneto

Ordine dei chimici della Toscana n° 1432

Document digitally signed in accordance with current legislation

TEST REPORT N° 24LA0037455

Report issue date: 24/07/2024

SAMPLE INFORMATION

Sample code: 24LA0037455

Customer: PIANA RICERCA E CONSULENZA SRL, VIA UMBRIA 41 FRAZ. OSTERIA GRANDE 40024 CASTEL SAN PIETRO TERME (BO)

Sample identification: Miele e derivati

Sample description (\$): 20240613

Receiving date: 16/07/2024

Analysis starting date: 16/07/2024

Analysis end date: 24/07/2024

SAMPLING INFORMATION

Sampling date (\$): 11/07/2024

Collection place (\$): -

Sampling by: Cliente

Transported by: Corriere

ANALYTICAL RESULTS

Test	M.U.	Result	LOQ
Metodo			
Diastase	DI	30.9	0.1

TEST REPORT N° 24LA0037455

Notes

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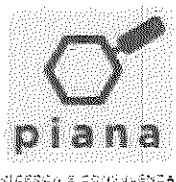
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Lab Director

Dott.ssa Claudia Caneto

Ordine dei chimici della Toscana n° 1432

Document digitally signed in accordance with current legislation



Richiedente

AGRITUR SOCIETA' AGRICOLA COOPERATIVA
VIA SERRA 56
40042 LIZZANO IN BELVEDERE (BO) Italia

Nostro riferimento	20240613	Altre informazioni	Prov. Bologna/Modena
Riferimento	20067	Ricevuto il	20/06/2024
Prodotto	Miele/Honey	Data inizio/fine analisi	06/07/2024 / 06/07/2024
Or. Geo dichiarata	Italia/Italy - Emilia Romagna	Origine Bot. dichiarata	Robinia/Acacia

Analisi pollinica quali-quantitativa

Metodo microscopico UNI 11299:2008

Diagnosi origine botanica miele uniflorale di robinia (acacia)

Diagnosi origine geografica lo spettro pollinico è compatibile con l'origine dichiarata (Italia - Emilia Romagna)

Interpretazione: lo spettro pollinico corrisponde a quello di un miele uniflorale di robinia (acacia). Infatti la relativa scheda di caratterizzazione prevede una frequenza minima di polline della specie del 15% e una quantità assoluta di granuli pollinici non superiore a 20.000 GP/10 g (cfr Persano Oddo L., Sabatini A. G., Accorti M., Colombo R., Marcazzan G. L., Piana M. L., Piazza M. G., Pulcini P.: I mieli uniflorali - Nuove schede di caratterizzazione. Ministero delle Politiche Agricole e Forestali, Roma, 2000, 107 p). Anche la relativa norma UNI (UNI 11382:2010 Miele di acacia (Robinia pseudacacia L.) - Definizione, requisiti e metodi analisi) prevede gli stessi limiti. Le associazioni botaniche sono compatibili con l'origine geografica dichiarata (Italia - Emilia Romagna).

Risultato dei conteggi

1° conteggio % nettariiferi % totale

Tipi pollinici nettariiferi	1° conteggio	% nettariiferi	% totale
Robinia	40	37	13
Malus/Pyrus/Sorbus	12	11	4
Cornus sanguinea	8	7	3
Aesculus	6	6	2
Pyracantha	6	6	2
Indeterminati/Unidentified	5	5	2
Prunus < 40 micron	4	4	1
Cruciferae	3	3	1
Loranthus	3	3	1
Trifolium incarnatum	3	3	1
Acer	2	2	1
Cruciferae tipo Sinapis	2	2	1
Erica	2	2	1
Salix	2	2	1
Sedum/Sempervivum	2	2	1
Umbelliferae A	2	2	1
Amorpha	1	1	p
Phacelia	1	1	p
Trifolium alexandrinum	1	1	p

	1° conteggio	% nettariiferi	% totale
Trifolium repens	1	1	p
Vicia faba	1	1	p
Lamium	p	p	p
Ranunculaceae altre	p	p	p
Totale pollini nettariiferi	107		
Tipi pollinici iperrappresentati			
Castanea	1		p
Totale pollini iperrappresentati	1		
Tipi pollinici privi di nettare			
Fraxinus ornus	165		54
Papaver	10		3
Vitis	7		2
Quercus robur	6		2
Helianthemum	3		1
Sambucus nigra	2		1
Cupressaceae/Taxaceae	1		p
Filipendula	1		p
Juglans	1		p
Quercus ilex	1		p
Totale pollini privi di nettare	197		
Totale conteggio	305		
Indicatori di melata		11	
Indicatori di melata/granuli pollinici		0,10	0,04
Materiale indisciolti finemente cristallino	assente		
Granuli di amido (come % granuli pollinici)	non osservati		
Altre componenti del sedimento	-		
Tipi pollinici identificati			33
Stima quantità granuli pollinici (GP/10 g)			8.000
Stima quantità elementi di melata (IM/10 g)			300
Stima quantità totale elementi figurati (N/10 g)			8.300

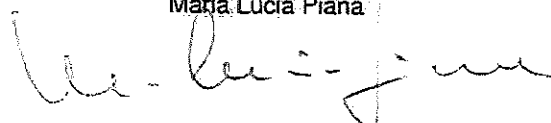
p = "presente" forma pollinica individuata al di fuori del conteggio o inferiore a 1%

Altre analisi

Analisi organolettica descrittiva: vedi allegato

Il presente rapporto riguarda esclusivamente il campione sottoposto a prova ed esso non può essere riprodotto parzialmente, se non previa approvazione scritta da parte di questo Laboratorio.

IL DIRETTORE DEL LABORATORIO
 Maria Lucia Piana



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Allegato al Rapporto di Prova N. 20240613 del 06/07/2024

Pagina 1 / 1

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Riferimento cliente	20067	Ricevuto il	20/06/2024
Prodotto	Miele/Honey	Data inizio/fine analisi	06/07/2024 / 06/07/2024
Or. Geo dichiarata	Italia/Italy - Emilia Romagna	Origine Bot. dichiarata	Robinia/Acacia

Analisi organolettica descrittiva

Metodo sensoriale interno modificato da Piana et al., 2004

Caratteristiche visive

Stato fisico: liquido
Aspetto: limpido
Colore: molto chiaro

Caratteristiche olfattive

Intensità odore: debole
Descrizione odore: di tipo fruttato

Caratteristiche olfatto gustative

Intensità aroma: debole
Descrizione aroma: di tipo fruttato e caldo - fine
Persistenza aroma: breve
Sapore: normalmente dolce, leggermente acido, amaro non percepibile
Altre sensazioni in bocca: -

Caratteristiche tattili

Consistenza: normalmente fluido
Cristalli: assenti

Difetti organolettici

non percepibili

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