

التقرير النهائي للنتائج

الدكتور/ بولا هانى فؤاد

تحية طيبة وبعد ،،،،،،،،
نتشرف بان نرفق نتائج تحليل العينات الواردة اليها بمعرفتكم وبياناتها كالتالي:
نوع وطبيعة العينة : افلام
عدد العينات : عينة واحدة
تاريخ استلام العينة : 2026 /5/11
رقم المسلسل : 62
تاريخ تسليم النتائج : 2026/7/1 م

Test Items	*Test methods	Test results
Moisture	AOAC(2023)	37.26%
Solubility		98.46%
Tensile strength (g)	Default method Texture Analyzer for tensile strength and elongation	508
Water activity		0.36
Thickness		0.12
pH valu		5.94
Density (g/em3)		1.1
Transparency		20.3
WVP	ASTM	1.664(g.mm/m2.day. KPa)
Viscosity	Brookfield Rheometers	3.2 cP
Total Bacterial count	(ISO 4833)	ND
FTRI	FTRI	مرفق بالنتائج

النتيجة تخص العينة المقدمة ولا تمثل إلا الكمية الممثلة منها العينة وتمثيلها لأي كميات أخرى هي مسئولية جهة سحب العينة (الشركة)

وتفضلوا سيادتكم وافر التقدير والاحترام،،،،،،،،

وكيل المعهد للإنتاج
التوقيع :

26
6/7

يعتمد

مدير مركز المعهد



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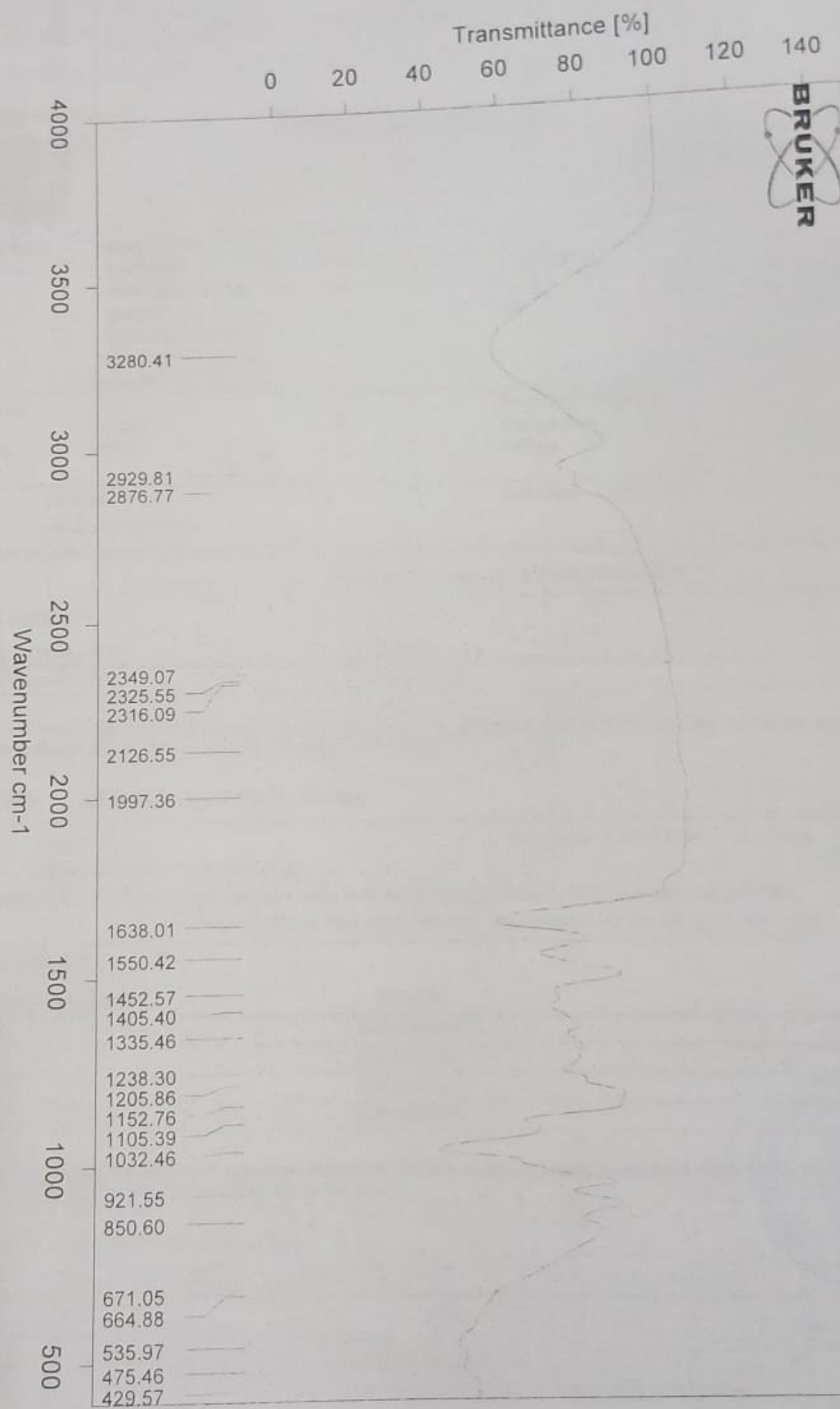
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Scan for Authenticity



Test Certificate



Certificate Number : Dokki-447013
Date Received : 20/07/2026
Sample ID : Dokki-2026-182160
Sample : Solution
Variety : Liquid Edible Coating
Customer : Bola Hany Foad Shokr
Address : sharqia

Number of Sub Samples : N/A
Total Weight : .5 KG
Phone : 01207385769
Fax : N/A

Protocol Number : N/A
Lot Number : Orgaia
Sampling Place : N/A

Number Of Packages : N/A
Packge Size : N/A Kg
lot Size : N/A Kg

Analysis ID : 668165

Method Name : QuEChERS Method

Method Description : Quick and Easy Method (QuEChERS) for Determination of Pesticide Residues in Foods Using LC-MSMS, GC-MSMS
European Standard Method EN 15662:2018

Start Date : 20/07/2026 End Date : 22/07/2026

Results of analysis :

Compound or microbe :

Result

Ortho-Phenyl Phenol (OPP)

0.022 mg/kg

The measurement uncertainty expressed as expanded uncertainty (at 95% confidence level) is within the range $\pm 50\%$. The list of LOQ's attached to this certificate are tested. (attachment :PR-FV-Q1,version 14)

Person In charge: Dr.Sanaa Abdel Kader Elsawi

Start Date : 20/07/2026 End Date : 22/07/2026

Analysis ID : 668166

Method Name : Heavy Metals in Foods (ICP-MS)

Method Description : Determination of Trace Elements using Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
Food additives and contaminants, June 2003, Vol. 20, No. 6, P.543 – 552.

Results of analysis :

Compound or microbe :

Result

Arsenic

Not detected.

Cadmium

Not detected.

Mercury

Not detected.

Lead

Not detected.

The measurement uncertainty expressed as expanded uncertainty (at 95% confidence level) is within the range $\pm 26\%$. The list of LOQ's attached to this certificate are tested (attachment HM10) (Version 4)

Person In charge: Dr. Mahmoud Ghuniem

*Marked test method are out of A2LA accreditation scope.

**These Compounds or microbes are out of A2LA accreditation scope.

This TEST CERTIFICATE shall not be reproduced except in full, without the written approval of the Laboratory.

Test results relate only to the items tested

Page 1 of 2

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428436

Ministry of Agriculture

Agricultural Research Center
Central Laboratory of Residue Analysis
of Pesticides and Heavy Metals in Food



وزارة الزراعة

مركز البحوث الزراعية
المعمل المركزي لتحليل متبقيات المبيدات
والعناصر الثقيلة في الأغذية

Sample ID

: Dokki-2026-182160

Certificate Number

: Dokki-447013

The sample was taken by the customer, the results apply to the sample as received.

Giza, Egypt Wed 22-07-2026

Thank You For Using Our Laboratory



*Marked test method are out of A2LA accreditation scope.

**These Compounds or microbs are out of A2LA accreditation scope.

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Test results relate only to the items tested

Page 2 of 2

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customer.service@qcap-egypt.com

Website: www.qcap-egypt.com

428437

Test report

Certificate No C-3407-26
Customer name GAIA
Customer address: 1 Roxi Square, Masr El Gedida,
Heliopolis, Cairo, Egypt.

Sample code 3407/26
Sample description GAIA Edible Coating (Orgaia)
Receiving date 20/7/2026
Analysis date 20/7/2026
Issue date 25/7/2026

Results

SN.	Test name	Result	Unit	Test method
1	Enumeration of B-glucuronidase-positive Escherichia coli	<1	CFU/ml	ISO 16649-2:2001
2	Enumeration of coagulase -positive Staphylococci	<1	CFU/ml	ISO 6888-1:2021 Amd 2023
3	Enumeration of Yeast	6	CFU/ml	ISO 21527-2:2008
4	Enumeration of Mold	<1	CFU/ml	ISO 21527-2:2008
5	Enumeration of Clostridium perfringens	<1	CFU/ml	ISO 15213-2:2003
6	Enumeration of presumptive Bacillus cereus	<1	CFU/ml	ISO 7932:2004

Environmental conditions: Temperature 20°C, this Test certificate shall not be reproduced without written approval from the lab, the results represent the sample only, Samples were taken by the customer, who is responsible for the data accuracy.

Prepared by
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Nada Mohamed

Nada Mohamed

Reviewed by
Microbiology supervisor
Rania eltaweel

Rania Eltawel

End

Approved by
Microbiology Technical Manager
Dr. Mohamed Khalifa

Mohamed Khalifa

Test report

Certificate No.	C-2229-26	Sample code	2229/26
Customer name	GAIA	Sample description	Orange coating by GAIA
Customer address:	1 Roxi Square, Masr El Gedida, Heliopolis, Cairo, Egypt	Receiving date	25-5-2026
		Analysis date	25-5-2026
		Issue date	29-5-2026

Results

SN.	Test name	Result	Unit	Test method
1	Enumeration of B-glucuronidase-positive <i>Escherichia coli</i>	<10	CFU/g	ISO 16649-2:2001
2	Detection of <i>Salmonella spp.</i>	Absent	/25g	ISO 6579-1:2017 amd.2020
3	Detection of <i>listeria monocytogenes</i>	Absent	/25g	ISO 11290-1:2017

Environmental conditions: Temperature 21 °C, this Test certificate shall not be reproduced without written approval from the lab, the results represent the sample only, Samples were taken by the customer, who is responsible for the data accuracy.

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End

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FOODEX
LABORATORY