



HARIR SAFFRON™

Hand Picked One by One





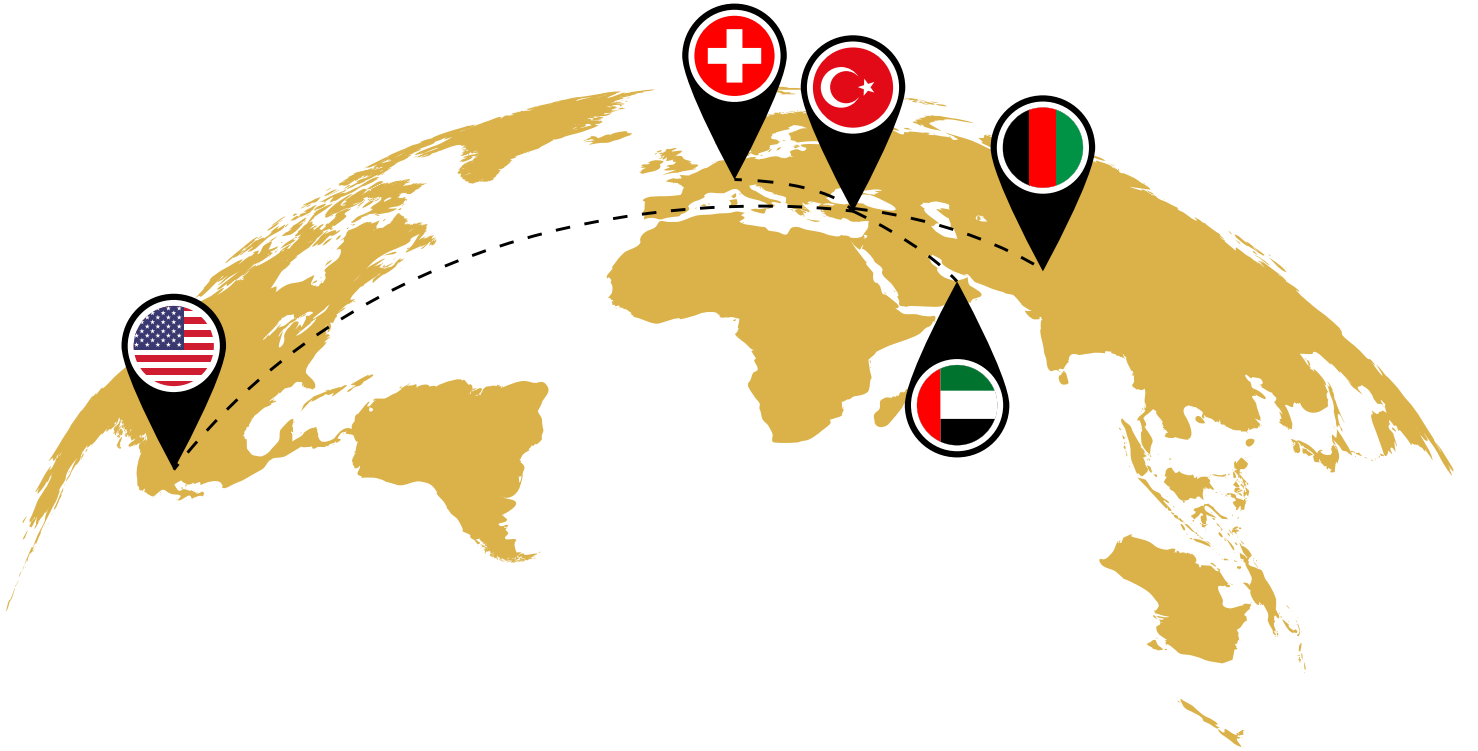
Harir Saffron™ is 100% Pure, Authentic and Organic Saffron harvested in the nutritious, rich and naturally mineralized farmlands of Afghanistan. Harir Saffron's natural color attracts visions abruptly, its enticing aroma gives a pleasant flavor to perception, its unique taste is incomparably wowed and its dark red lengthy threads and texture draws your sight in amazement. The Almighty and sublime Creator naturally nourishes its super realistic dye and the Afghan farmers preserve this magical plant's properties by hand picking them one by one. Saffron is a powerful antioxidant and its consumption may treat depression, fight cancer and reduce PMS Symptoms. Its rich energy nutrition may reduce appetite and aid weight loss, may reduce heart disease risk due to its antioxidant property, may lower your blood sugar levels, may improve your eyesight with AMD (Age-related Macular Degeneration), and protects against free radical damage; may improve memory and cognition on adults with Alzheimer's diseases.

In ECEP HAN International Trading, headquarters based in Istanbul, Turkey, and its International branches in Afghanistan, UAE, Switzerland, and USA, we are committed to uniquely supply food supply chains, cosmetics producers, pharmacological companies with top-notch Afghan Saffron in three distinguished categories of Pushal, Negin and Super Negin saffron under the trademark of Harir Saffron™.



OUR GLOBAL PRESENCE

Our offices worldwide will enable you to find one of our representatives during work hours no matter which time zone you live in.



ARIZONA/USA

8260 E. GELDING
DR. SUITE 101,
SCOTTSDALE AZ
85260, ARIZONA USA
+1 480 656 5519
america@ecephan.com



ÇAKMAKLI MAH. DEVLET SOK. NO: 4/A BÜYÜKÇEKMECE / İSTANBUL / TÜRKİYE

+90 212 852 3447
turkey@ecephan.com



GENEVA/SWITZERLAND

37 ROUTE DE
VIRELOUP
1239 GENEVA
SWITZERLAND
+41 79 714 3173
swiss@ecephan.com



DUBAI/UAЕ

TESLA BUSINESS
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TOWER,
SUIT NO. 90, 16th
FLOOR 1610,
BUSINESS BAY PO.
BOX NO. 39354
+97 150 696 1828
+97 155 676 1828
dubai@ecephan.com



KABUL/AFGHANISTAN

HOUSE NO 754,
STREET NO. 14
DISTRICT 6, POSTAL
CODE NO. 1006
KART-E-SAY
+93 202 501 610
kabul@ecephan.com



OUR BRAINS

ECEP HAN with the slogan Trading for Good have accumulated hundreds years of experience through hiring good men and women around the globe. We have more than 80+ professional, well-trained and well-educated employees in our headquarter and branch offices around the world.



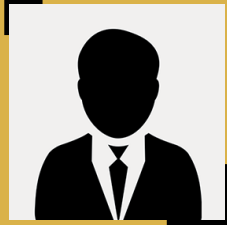
Nikmal ABDULLAH
CEO- Headquarter

He is the CEO of a multinational company called "ECEP HAN INTERNATIONAL GENERAL TRADING LCC" which was founded in Turkey and has regional offices in each continent of the Globe. The company, like himself, is on a flight of success at a rapid rate and soon it will leave a big mark in the world of entrepreneurship and business.



Nick HAMMOND
Managing Director-USA

A State Department and US Air Force Veteran, has worked in various management positions such as construction project manager, facility management, and operational management. As a managing director of ECEP HAN, oversees operations and business development for the North American market.



Ainor GOVORI
Managing
Director-Switzerland

25+ years of experience in international organizations such as United Nations, The International Organization for Migration, and World Health Organization in management and leadership posts.



Samiullah AMARKHEL
Managing Director-UAE

He has been the CEO of Vertex International Group (VIG) from 2010 to 2016 and CEO of Standard Alliance Construction & Engineering (SACE) from 2016 to 2020. As a master of construction management, he has also worked in managing posts for Etisalat Afghanistan and various other International Organizations around the world.



Hedayatullah ZAHEB
Managing Director- AFG

He has been the CEO of Vertex Construction & Engineering (VCE) from 2010 to 2017 and has been working in various managing posts in the last decade for leading companies. Apart from being part of international development directorate, he is also an author who has authored more than 6 books.



M. Davut MAHDUM
General Manager-Turkey

Trade Specialist + 30 years experience



Jeyab ABDULLAH
Chief Accountant

ACCA, CAT + 25 years experience



Zeynep EKİZOĞLU
Business Development

MBA + 12 years experience



Ms. Nina Nicholas
International Representative

36 years experience



Jonathan PICUS
Partner- USA

Business Law Expert + 20 years experience



Inder NEGI
India and South Asia Rep
20 years experience



Eid M. HAMED
Zone Manager-AFG

15 years experience



Yusuf ABDULLAH
Operation Manager-Turkey
B. IT + 15 years experience



Emal STANIKZAI
Sales Manager - Europe
International Trading Expert
+ 10 years experience



Mr. Scott LITTLE
International Com. Rep.
25 years experience



SAFFRON PRODUCTS

If you can enjoy life from the depth of your soul, you will have a crush on Harir Saffron; feel the hum of the bees, the beauty of nature, the fragrance of inherent beauty, and the taste of the heavens.

100% natural, non-irradiated and long thread Saffron to make your tea, meal, and life delicious. Our products will give you the feel of ancient, the elegance of modern and the quality beyond all age's standards.



EHHS-100-SN

Super Negin Saffron 1
gram (0.035 oz)



EHHS-110-SN

Super Negin Saffron 2
grams (0.07 oz)



EHHS-120-SN

Super Negin Saffron 5
grams (0.17 oz)



EHHS-280-SN

Super Negin Saffron 1
oz (28.34 grams)



EHHS-1000-SN

Super Negin Saffron
100 grams (3.52 oz)



EHHS-1000-N

Negin Saffron 100
grams (3.52 oz)



EHHS-1000-P
Pushal Saffron 100
grams (3.52 oz)



EHHS-2500-SN
Super Negin Saffron
250 grams (8.81 oz)



EHHS-2500-N
Negin Saffron 250
grams (8.81 oz)



EHHS-2500-P
Pushal Saffron 250
grams (8.81 oz)



EHHS-5000-SN
Super Negin Saffron
500 grams (17.63 oz)



EHHS-5000-N
Negin Saffron 500
grams (17.63 oz)



EHHS-5000-P
Pushal
Saffron
500 grams
(17.63 oz)

OUR PRODUCTS

If you can enjoy life from the depth of your soul, you will have a crush on Harir; feel the hum of the bees, the beauty of nature, the fragrance of inherent beauty, and the taste of the heavens.

100% natural, non-irradiated and long thread Saffron to make your tea, meal, and life delicious. Our products will give you the feel of ancient, the elegance of modern and the quality beyond all age's standards.



**EHHS
Saffron**



**EHDF-PN
Pine Nuts**



**EHDF-A
Almond**



**EHDF-WN
Walnuts**



**EHDF-P
Pistachios**



**EHDF-AJ
Ab Josh Raisins**



**EHDF-RR
Red Raisins**



**EHHS-DF
Dried Figs**



**EHDF-GR
Green Raisins**

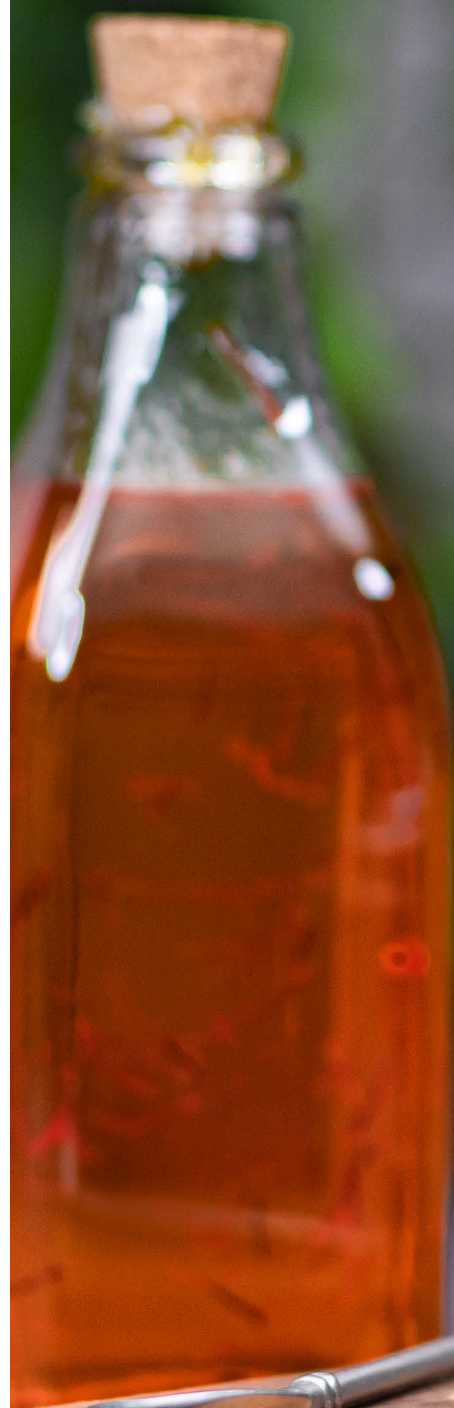


QUALITY AND CERTIFICATIONS

 ISO 10002:2018	 Harir Saffron has submitted all pre-market approvals (PMA) and results of clinical results to get FDA registration. The benefits of our products are considerably great.
 ISO 9001:2015	 We ensure that products are consistently produced and controlled according to quality standards. Our production system is designed to minimize the risks involved with our products.
 ISO 22000:2018	 In order to get MS 1500, which means our products are HALAL, Harir Saffron has set itself according to various Mandatory Standards mentioned in the website of JSM.



We make your life delicious, and the International Taste Association and Team will attest to our claim. ITA has tested our products, and they have given us the superior taste award.





International
Taste Institute

2

Sensory Analysis Results

Harir Saffron

ECEPHAN INTERNATIONAL GENERAL TRADING LLC

Total Score

95.9%

Award



Total Score

First Impression

Vision

Olfaction

Taste

Texture

Sensory Evaluation



Eric de Spoelberch
Managing Director

Laurent van Wassenhove
Managing Director

105A rue Colonel Bourg 1140 Brussels | www.taste-institute.com
International Taste Institute

**International
Taste Institute**



Harir Saffron

ECEP HAN INTERNATIONAL GENERAL TRADING LLC
is granted the

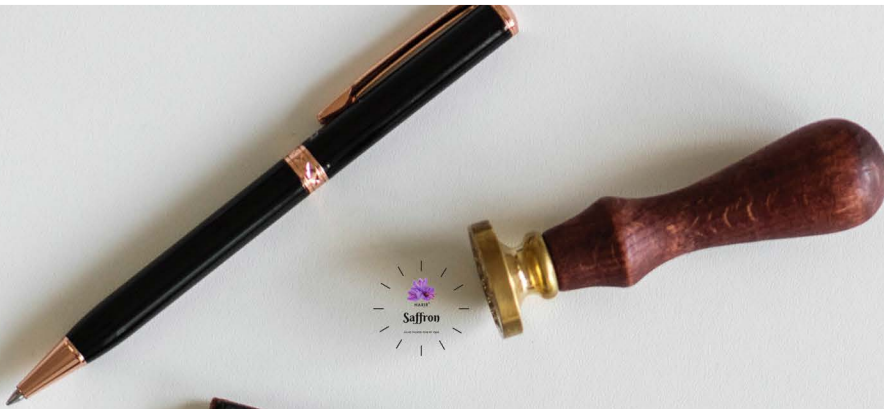
**SUPERIOR
TASTE AWARD**

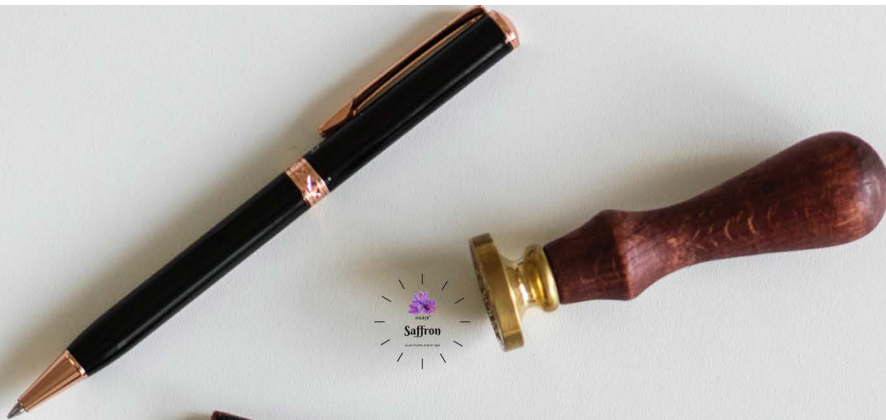


Brussels, 2021

Eric de Spoelberch
Eric de Spoelberch
Managing Director

Laurent van Wassenhove
Laurent van Wassenhove
Managing Director





CERTIFICATE OF REGISTRATION



SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

This Certificate has been awarded to

ECEP HAN INTERNATIONAL GENERAL TRADING LLC

CENTRAL ADDRESS: SUIT NO:90 FLOOR 16, TESLA BUSINESS CENTER OPAL
TOWER, BUSINESS BAY, DUBAI / UDE PO. BOX NO:39334
BRANCH ADDRESS: ECEP HAN TRADING LLC, DISTRICT 4, KHWAJA ALI MOWAFAG
STREET, HERAT, AFGHANISTAN

In recognition of the organization's Managements System which complies with
ISO 9001:2015

The scope of activities covered by this certificate is defined below
**SAFFRON AND DRIED FRUIT PROCESSING, PACKAGING,
REPACKAGING AND SALES**

Certificate Number: SIS070721Q068
Date of Issue of Original Certificate: 07.07.2021
Date of Issue of Latest Certificate: 07.07.2021
Expiry Date: 06.07.2022



Management Systems
Certification Body

MSCB - 131



Managing Director

Note: This certificate is valid only if produced with the continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate is based on the evaluation of the mentioned scope above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services, 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA.

Email us : support@siscertifications.com, info@siscertifications.co.in Call: - +91-9654721646
Web : - <http://www.siscertifications.co.in>, www.siscertifications.com
The status of this certificate can be verified on " <http://www.siscertifications.co.in> "

Issue No.:01



Sertifika Certificate

**ECEP HAN INTERNATIONAL
GENERAL TRADING LLC**

TESLA BUSINESS CENTRE, OPAL TOWER SUIT NO. 90 (1610), BUSINESS BAY, DUBAI
PO. BOX NO. 39354, DUBAI
ECEP HAN Trading LLC
District 4, Khwaja Ali Mowafaq Street, Herat, Afghanistan

is audited by DSR Certification and applied
Customer Satisfaction Management System meet the requirements of

ISO 10002:2018

standard for the following activities.

SAFFRON AND DRIED FRUIT PROCESSING, PACKAGING, REPACKAGING, AND SALES

04.01.2021
Certificate Date

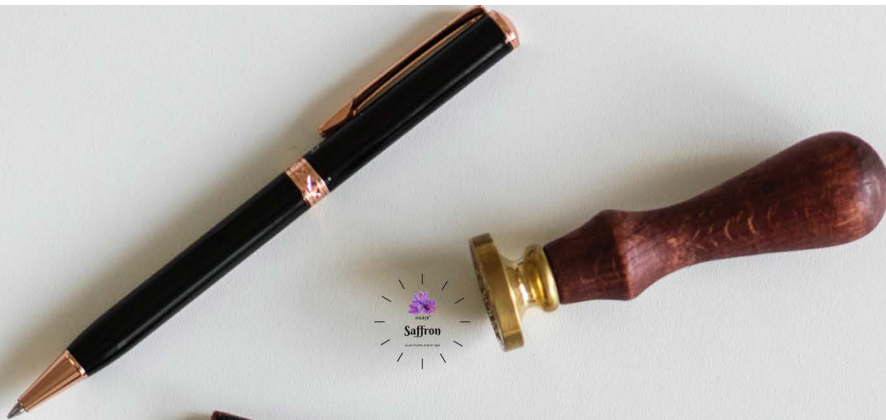
Certificate No: M-20.12.413
06.07.2021
Certificate Last Issue Date

3 Years
Certification Period

03.01.2022
Certificate Expiry Date



DSR TEKNİK MUAYENE SERTİFİKASYON HİZ. LTD. ŞTİ.
Yeşilbağlar Mah. Selvili Sk. Helis Beyaz Otis 2/1 A Blok No:207 PENDİK / İSTANBUL / TÜRKİYE Tel: +90 216 606 06 35
E-mail: Info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr



CERTIFICATE OF REGISTRATION



SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

This Certificate has been awarded to

**ECEP HAN INTERNATIONAL
GENERAL TRADING LLC**

CENTRAL ADDRESS: SUIT NO: 90 FLOOR 16, TESLA BUSINESS CENTER OPAL
TOWER, BUSINESS BAY, DUBAI / UDE PO. BOX NO:39354
BRANCH ADDRESS: **ECEP HAN TRADING LLC**, DISTRICT 4, KHWAJA ALI MOWAFAG
STREET, HERAT, AFGHANISTAN

In recognition of the organization's Managements System which complies with
ISO 22000:2018

The scope of activities covered by this certificate is defined below

**SAFFRON AND DRIED FRUIT PROCESSING, PACKAGING,
REPACKAGING AND SALES**
Categor: CIV

Certificate Number: SIS070721F069
Date of Issue of Original Certificate: 07.07.2021
Date of Issue of Latest Certificate: 07.07.2021
Expiry Date: 06.07.2022



MSCB - 131



Managing Director

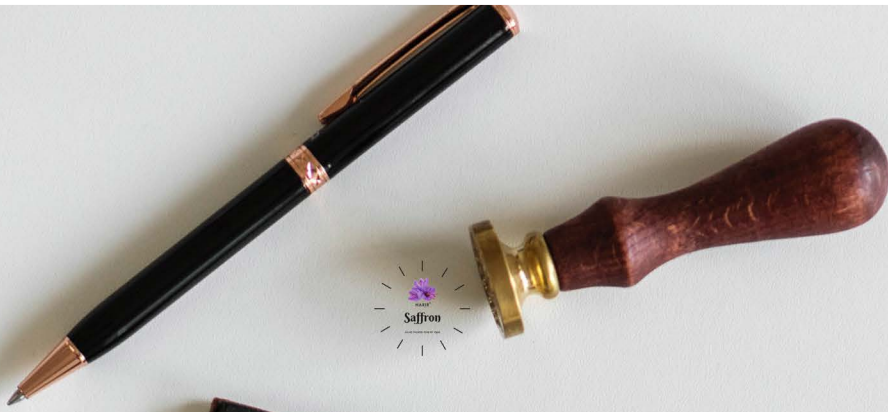


Note: This certificate is valid only if produced with the continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services, 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA.

Email us : support@siscertifications.com, info@siscertifications.co.in Call: - +91-9654721646
Web : - <http://www.siscertifications.co.in>, www.siscertifications.com
The status of this certificate can be verified on " <http://www.siscertifications.co.in>".

Issue No.:01



Sertifika Certificate

**ECEP HAN INTERNATIONAL
GENERAL TRADING LLC**

TESLA BUSINESS CENTRE, OPAL TOWER SUIT NO. 90 (1610), BUSINESS BAY, DUBAI
PO. BOX NO. 39354, DUBAI
ECEP HAN Trading LLC
District 4, Khwaja Ali Mowafaq Street, Herat, Afghanistan

is audited by DSR Certification and applied
Good Manufacturing Practices Management System meet the requirements of

GMP

standard for the following activities.

SAFFRON AND DRIED FRUIT PROCESSING, PACKAGING, REPACKAGING, AND SALES

04.01.2021
Certificate Date

Certificate No: **GMP-20.12.413**
06.07.2021
Certificate Last Issue Date

3 Years
Certification Period

03.01.2022
Certificate Expiry Date



GMP CERTIFIED



DSR TEKNİK MUAYENE SERTİFİKASYON HİZ. LTD. ŞTİ.
Yeşilbağlar Mah. Selviölü Sk. Helis Beyaz Ofis 2/1 A Blok No:207 PENDİK / İSTANBUL / TÜRKİYE Tel: +90 216 606 06 35
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr



2021

CERTIFICATE OF REGISTRATION

This certifies that:

ECEP Han International General Tradin LLC
Ras Al Khor Industrial First Street No 20A
Parcel ID 6120373
Dubai
United Arab Emirates

is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as currently effective on the date hereof by Registrar Corp.

U.S. FDA Registration No.:
U.S. Agent for FDA
Communications:

17128886126

Registrar Corp
144 Research Drive, Hampton, Virginia, 23666, USA
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

This certificate affirms that the above stated facility is registered with the U.S. Food and Drug Administration pursuant to the Federal Food Drug and Cosmetic Act, as amended by the Bioterrorism Act of 2002 and the FDA Food Safety Modernization Act, such registration having been verified as effective by Registrar Corp as of the date hereof, and until December 31, 2021, unless such registration remains effective upon request and presentation of this certificate. Registrar Corp makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. Registrar Corp assumes no liability to any person or entity in connection with the foregoing. The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. Registrar Corp is not affiliated with the U.S. Food and Drug Administration.

Registrar Corp

144 Research Drive, Hampton, Virginia, 23666, USA
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179
info@registrarcorp.com • www.registrarcorp.com

David Lemarz
David Lemarz
Executive Director
Registrar Corp
Dated: January 20, 2021

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Sertifika Certificate

HELAL SERTİFİKASI / شهادة حلال
HALAL CERTIFICATE

ECEP HAN INTERNATIONAL
GENERAL TRADING LLC

TESLA BUSINESS CENTRE, OPAL TOWER SUIT NO. 90 (1610), BUSINESS BAY, DUBAI
PO. BOX NO. 39354, DUBAI
ECEP HAN Trading LLC
District 4, Khwaja Ali Mowafaq Street, Herat, Afghanistan

is audited by DSR Certification and applied HALAL FOOD system meet the requirements of
TS OIC/SMIIC 1 2019
standard for the following activities.

04.01.2021
Certificate Date

Certificate No: H-21.01.101
06.07.2021
Certificate Last Issue Date

03.01.2022
Certificate Expiry Date

03.01.2022
Certification Period
Expiration Date



FR-072 Yayın Tarihi: 18.04.2017
Rev.No:01 Rev.Tarihi: 24.05.2019



Rev:00 / Revizyon Tarihi: 06.07.2021

DSR ULUSLARARASI GÖZETİM VE BELGELENDİRME HİZMETLERİ LTD. ŞTİ.
Yeşilbağlar Mah. Selviği Sk. Helis Beyaz Ofis 2/1 A Blok No:207 PENDİK / İSTANBUL / TÜRKİYE Tel: +90 216 606 06 35
E-mail: info@dsrbelgelendirme.com.tr - Web: www.dsrbelgelendirme.com.tr

「 LAB RESPORTS 」





Certified Laboratories of California

Full Service Laboratory • Established 1926

Certificate of Analysis

ECEP HAN NORTH AMERICA, LLC
6260 E CELDING DRIVE
SUITE 101
SCOTTSDALE, AZ 85260-3620
ATT: NICHOLAS HAMMOND

LAB #: 1791241

PRODUCT: SAFFRON

ANALYTE

COLD WATER SOLUBLE EXTRACT
ASH
ACID INSOLUBLE ASH
MOISTURE

COLOR IN SAFFRON

CROCIN (@ 440NM)
PICROCROCIN (@ 257NM)
SAFRANAL (@ 330NM)
ARTIFICIAL COLOR
FOREIGN BOTANICAL MATTER
COMMENTS

RESULT UNITS

60.27%
4.98 %
0.37 %
6.04 %

239.3 (1%, 1cm)
103.7 (1%, 1cm)
32.8 (1%, 1cm)

DATE RECEIVED: 12/22/20

METHOD REFERENCE

ISO 3632-2
ISO 3632-2
ISO 3632-2
ISO 3632-2
ISO 3632-2

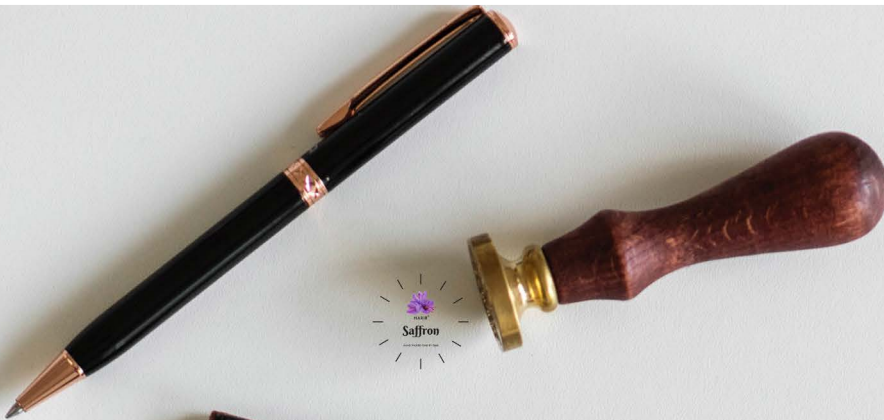
ISO 3632-2

NONE DETECTED
FOREIGN BOTANICAL MATTER
THE SAMPLE OF SAFFRON RECEIVED WAS MICROSCOPICALLY EXAMINED.
DIFFERENT PARTS OF SAFFRON FLOWER (NON- SAFFRON PRODUCT) WERE NOT
FOUND IN THE SAMPLE.

Sample Comment: Complies with ISO 3632 specifications for type I saffron (highest quality).

END OF REPORT

Robert Yemm
Robert Yemm
Laboratory Director



Certified Laboratories of California

Full Service Laboratory • Established 1926

Certificate of Analysis

ECEP HAN NORTH AMERICA, LLC
8260 E GELDING DRIVE
SUITE 101
SCOTTSDALE, AZ 85260

ECEP HAN INTERNATIONAL GENERAL TRADING, LLC
TESLA BUSINESS CENTER
OPAL TOWER SUITE NO: 90, 16TH FLOOR(1610)
PO BOX 39354
BUSINESS BAY, DUBAI
ATT: NICK HAMMOND

REPORT #: 510506
REPORT DATE: 1/28/21
PRINT DATE: 1/28/21

LAB # 1836705 SAFFRON (HARIR)

DATE RECEIVED 1/12/21
Serving Size for Calculation 1.0g

Reference Value 0.5g (MISCELLANEOUS)
Household Measure 1 SERVING (1g)
Servings Per Container VARIES

	Per 100g	Per serving	Daily Value(DV)
Calories	353		
Calories from fat	33		
Total Fat	3.67 g	0	
Saturated Fat	20 % of fat	0	
Monounsaturated Fat	11 % of fat	0g	
Polyunsaturated Fat	69 % of fat	0g	
Trans Fat	0 % of fat	0g	
Cholesterol	4 mg	0g	0%
Moisture	4.92 g	0g	0%
Ash	4.09 g	0g	
Sodium	6.44 mg	0 mg	
Total Carbohydrate	72.84 g		
*Dietary Fiber	14.4 g	0 mg	0%
Total Sugars	13.1 g	<1 g	
*Added Sugars	0.0 g	0 g	0%
Protein	14.48 g	0 g	0%
Calcium	70.6 mg	0 g	0%
Iron	13.3 mg	0 g	0%
Potassium	1890 mg	0 mg	0%
Vitamin D	0 mcg	0.1 mg	0%
		20 mg	0%
		0 mcg	0%

* Based in part on information provided.

END OF REPORT

Robert Yemm
Robert Yemm
Laboratory Director

This report may not be reproduced for advertising or trade purposes over our signature or in connection with our name without prior written approval. Opinions or analytical result reflect sample as received. When sampling is contracted to Certified Laboratories, statistical methods or methods as defined by regulatory agencies are applied but we make no guarantee that this sample is representative of the product/lot as whole.

6460 Dale Street • Buena Park • CA • 90621 • 714-562-8622 • www.certified-laboratories.com

Page 1 of 2



REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND FORESTRY
RADIX PRIVATE FOOD CONTROL LABORATORY
EXAMINING and ANALYSIS REPORT

Report / Revision Number : 2021-559 / 00
The Purpose of Analysis : Private Request
Sample Sent by : Ecep Han Medikal Tekstil ve Tic. Ltd. Şti.
Type of Sample : Hann Saffron
Temperature : 14°C
Sample Package : Tin Packaging

Record of Date / Number
Serial - Part Number :
Analysis Start - Finish Date : 27.01.2021 - 05.02.2021
Code Number :
Quantity of Sample : 300 g

AB-1009-T
2021/559
02.21

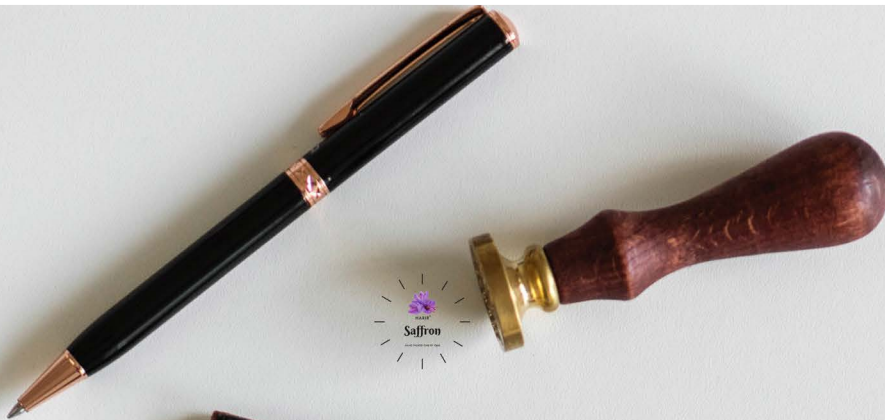
Analysis	Results	E.U. (±)	LOD / LOQ	R (%)	Method	Limit	Limit Source	E
1-Sensorial Properties (Organoleptic Examination)	It has its own unique color, appearance and structure.							
2-Foreign Matter	Not Detected				TS EN ISO 5492		TFC Notification of Spice	P
3-Ash (% KM'de)	5.55	0.22			Türk Standartları, TSK Yönetmelikleri ile ilgili Ürün Tebliği	Should not be found	TFC Notification of Spice	P
4-Acid Insoluble Ash (% KM'de)	0.24	0.04			TS 2131 ISO 928	Maximum 8	TFC Notification of Spice	P
5-Moisture (%)	7.99	0.69			TS 2133 ISO 930	Maximum 1.5	TFC Notification of Spice	P
6-Pesticide Analysis (mg/kg)	Not Detected				TS 2134	Maximum 8	TFC Regulation Of Maximum Residue Limits Of Pesticides	P
8-Aflatoxin B1 (µg/kg)	Not Detected	0.72			AOAC 2007.01	Maximum 8	TFC Notification of Spice	P
9-Ochratoxin A (µg/kg)	Not Detected	1.50	101.96		JS-FO-2000 COMPLETE START-UP KIT(200+ analysis)JS-FO-2050 REFILL KIT (200+ analysis)	Maximum 8	TFC Notification of Spice	P
10-Dye	Not Detected	1.52	100.63		JS-FO-2000 COMPLETE START-UP KIT(200+ analysis)JS-FO-2050 REFILL KIT (200+ analysis)		TFC Notification of Spice	P
11-Energy (kcal/100g)	350.4	35.0			JS-FO-2000 COMPLETE START-UP KIT(200+ analysis)JS-FO-2050 REFILL KIT (200+ analysis)		TFC Notification of Spice	P
12-Energy (kJ/100g)	1488.2	148.8			JS-FO-2000 COMPLETE START-UP KIT(200+ analysis)JS-FO-2050 REFILL KIT (200+ analysis)		TFC Notification of Spice	P
13-Total Fat Content (g/100g)	0.92	0.07			FAO/14		TFC Notification of Spice	P
14-Saturated Fatty Acids (g/100g)	0.48	0.00			FAO 77		TFC Notification of Spice	P
Gözetim GENERGE					NMML 160, İşletme (çi Metot - "AT.04.128" (Modified Velp App-Note)		TFC Regulation of Food Additives	P
Lab. Supervisor					TGK Zeytinyağı ve Pirina Yağı Analiz Metotları Tebliği, AOAC 2012.13			NI
Gürkan TUNALI								NI
Food Engineer								NI
Chef								NI
Lab. Supervisor								NI

RADIX ANALİZ LABORATUVAR
HİZMETLERİ TİCARET A.Ş.
Yeniobna Mah. Ladin Sok. No: 4/2229 Fabrika Kuyumcukent, Bahçelievler/İstanbul
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www.radixanaliz.com

Sayfa No 1/3

Page 1/3
PR.19 A-02 Release Date: 03.11.2014
Revision Date / No: 07.08.2019 / 09
Published Date
05.02.2021

1F5ED281



001233



Islamic Republic of Afghanistan
Ministry of Agriculture, Irrigation and Livestock
Herat Directorate of Agriculture, Irrigation & Livestock
Department of Saffron Quality Control Lab



Physical, Chemical and Microbiological Specifications of saffron in filaments, cut filaments and powder forms.

C. Nu	001233	Sampling Date	Dec/06/2020
Name/Surname of Company	Mohammad Faisal Sidiqi	Date of The Results	Dec/07/2020
Name of Company	ECEP HAN TRADING LLC.	Number	1233
Sample Type	Saffron (Sort first)	Export quantity	100kg
License No	70559	Destination for export	Dubai/ UAE

Nu	Description	Specifications Categories					Results	Grade	Final Results	Test Method
		I	II	III	4	5				
1	Extraneous matter (mass fraction)	0.5	3	5			0.21	A		Matter 8 , AS 627: 2015 ISO 3632-2:2010
2	Foreign matter	0.1	0.5	1			0.03	A		Matter 9 , AS 627: 2015 ISO 3632-2:2010
3	Moisture And Volatile Matter	10	12	12			6.8	A		Matter 7 , AS 627:2015 ISO 3632-2:2010
4	Picrocrocin	70	50	40			114.5	A		Matter 14 , AS 627: 2015 ISO 3632-2:2010
5	Safranal	20-50	20-50	20-50			40.3	A		Matter 14 , AS 627:2015 ISO 3632-2:2010
6	Crocin	200	180	150			270.6	A		Matter 14 , AS 627:2015 ISO 3632-2:2010
7	Artificial colorants	Absent	Absent	Absent			Absent	Absent		Matter 16 & 17 , AS 627:2015 ISO 3632-2:2010

The above results are confirmed by the sample to the laboratory.

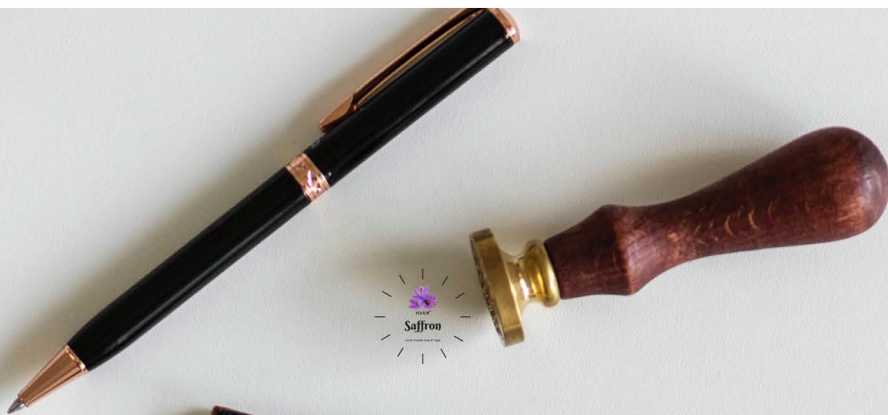
Sayed Hazrat Alawi
Sub General Manager of Saffron Quality Control Lab



Eng. Abdul Saboor Rahmany
Herat Director of Agriculture, Irrigation and livestock



لاپراختوار كنترول كيفيت زعفران وزارت زراعت آبپاري و مالداري - رياست زراعت آبپاري و مالداري هرات
Quality Control Laboratory Ministry Of Agriculture, Irrigation & Livestock
Herat Directorate Of Agriculture Irrigation & Livestock



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QUÍMICO
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ANALYSIS REPORT
The essays and comments marked with * are not covered by ENAC accreditation.
ECEP HAN INTERNATIONAL GENERAL TRADING LLC
TESLA OPAL TOWER, SUIT NO. 90, 16TH FLOOR 1610, BUSINESS BAY, UAE,
DUBAI PO. BOX NO 39354

13-April-2021

AB/MUR/09578/21

LABORATORY INFORMATION

Laboratorio Químico Microbiológico S.L:
Av. Principal. Parcela, 21/1 - Polg. Ind. Oeste - 30169 SAN GINÉS (Murcia)
Sample description: Greek red saffron in plastic packing with an approximate weight of 125g
Type of analytical matrix: SAFFRON
Delivery Method: Sample delivered by courier service

Receipt date: 7-April-2021
Start date: 7-April-2021
End date: 13-April-2021

CLIENT INFORMATION

S/Reference: VENDOR NAME: HARIR SAFFRON VENDOR NEW SUPPLIER NOT
APPROVED YET MCC MATERIAL 1513041 SAFFRON THREADS G1 VENDOR
SAMPLE HS-HT-2108 VENDOR BATCH 30032110

SUMMARY OF PESTICIDE RESIDUES DETECTED

PESTICIDE RESIDUE		RESULT ± I	UNIT	LQ	LMR
Folpet (sum of folpet and phthalimide, expressed as folpet)		0.06 ± 0.021	mg/Kg	0.01	0.1
Biphenyl		0.021 ± 0.0074	mg/Kg	0.01	0.05

LMR: Maximum residue limit according to Regulation 396/2005 and subsequent modifications. N/A: Indicates that there is no MRL associated with that pesticide and for that matrix (eg finished product or complexly defined pesticide).

MULTIRESIDUE ANALYSIS LC/MS/MS

Acephate	<0.010 mg/Kg	Acetamidrid	<0.010 mg/Kg	Aldicarb	<0.010 mg/Kg
Bentazone (Sum of bentazone, its salts and 6-hydroxy (free and conjugated) and 8-hydroxy bentazone (free and conjugated), expressed as bentazone) (R)	<0.010 mg/Kg	Azoxystrobin	<0.010 mg/Kg	Bendiocarb	<0.010 mg/Kg
Butoxycarboxim	<0.010 mg/Kg	Emanectin benzoate B1a, expressed as emanectin	<0.010 mg/Kg	Boscalid (formerly nicobifen)	<0.010 mg/Kg
		Buturon	<0.010 mg/Kg	Carbaryl	<0.010 mg/Kg

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LQ: Limit of Quantification.
According to ISO 8199 and ISO 7218, microbiological counts between 1 and 3 CFU / units (in the volume or weight investigated) will be reported as "organism present", and those between 4 and 9 CFU / units (in the volume or weight investigated) is reported as "estimated number". As an exception in those cases that there is a Legal Requirement that requires it, it can be reported as 0 or absence.



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ENAC
ENSAYOS
N° 488/LE808
N° 488/LE787
N° 488/LE1340
N° 488/LE2160

13-April-2021

AB/MUR/09578/21

DYES

PARAMETER	RESULT	METHOD	TECHNIQUE
Sudan Red 7B (CAS 6368-72-5) *	<0.01 mg/kg	PNTe/LQM/FYQ/090	HPLC/MS/MS
Sudan Red B (CAS 3176-79-2) *	<0.01 mg/kg	PNTe/LQM/FYQ/090	HPLC/MS/MS
Sudan Red G (CAS 1229-55-6) *	<0.01 mg/kg	PNTe/LQM/FYQ/090	HPLC/MS/MS
Toluidine Red (CAS 2425-85-6) *	<0.01 mg/kg	PNTe/LQM/FYQ/090	HPLC/MS/MS

ARTIFICIAL DYES ACCORDING ISO 3632

PARAMETER	RESULT	METHOD	TECHNIQUE
Carminic Acid (CI 75470) *	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Amaranth (CI 16185)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Yellow 2G (CI 18985)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Sunset Yellow (CI 15985)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Quinoline Yellow (CI 47005)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Azorubine (CI 14720)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Curcuma *	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Erythrosine (CI 45430) *	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Orange II (CI 15510)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Red 40 (CI 16035) *	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Rocelin (CI 15620)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Red 2G (CI 18050) *	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Ponceau 4R (CI 16255)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS
Tartrazine (CI 19140)	<0.2 mg/Kg	PNTe/LQM/FYQ/88	LC-MS/MS

GARDENIA

PARAMETER	RESULT	METHOD	TECHNIQUE
Gardenia *	NOT DETECTED	PNTe/LQM/FYQ/252	HPLC/QTOF
Detection limit 0.05mg/l			

MOISTURE

PARAMETER	RESULT	METHOD	TECHNIQUE
Loss of weight at 105 °C	6.6±0.26 %	PNTe/LQM/FYQ/7	Gravimetry-105°C

TOTAL ASH

PARAMETER	RESULT	METHOD	TECHNIQUE
Total ash	5.5±0.22 %	PNTe/LQM/FYQ/8	Gravimetry

ACID-INSOLUBLE ASH

PARAMETER	RESULT	METHOD	TECHNIQUE
Acid-Insoluble Ash	0.32±0.12 %	PNTe/LQM/FYQ/8	Gravimetry

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13-April-2021

AB/MUR/09578/21

COLD WATER-SOLUBLE EXTRACT
PARAMETER
Solubility in cold water *

RESULT
63.4±1.3 % sss

METHOD
PNTe/LQM/FYQ

TECHNIQUE
Solubility

COLOURING STRENGTH
PARAMETER
Colouring Strength (440 nm)

RESULT
205±10

METHOD
PNTe/LQM/FYQ/87

TECHNIQUE
UV-VIS

PICROCROIN
PARAMETER
Picrocrocin *

RESULT
84.4

METHOD
ISO 3632,1-2

TECHNIQUE
Spectrophotometry DAD

SAFRANAL
PARAMETER
Safranaj *

RESULT
35.3

METHOD
ISO 3632,1-2

TECHNIQUE
Spectrophotometry

METALS

PARAMETER

RESULT

METHOD

TECHNIQUE

Arsenic

Resultados sin corregir. Recuperación 103.1%

0.11±0.028 mg/Kg

PNTe/LQM/FYQ/234

ICP-MS

Cadmium

Resultados sin corregir. Recuperación 100.4%

0.012±0.002 mg/Kg

PNTe/LQM/FYQ/234

ICP-MS

Lead

Resultados sin corregir. Recuperación 102.0%

0.016±0.0048 mg/Kg

PNTe/LQM/FYQ/239

AAS

Mercury

Resultados sin corregir. Recuperación 96.2%

MICROBIOLOGICAL DETERMINATIONS
PARAMETER

RESULT

METHOD

TECHNIQUE

Salmonella spp.

Escherichia coli plate count Beta-D-

Glucoronidase-positive

Not detected /25g
<10 CFU/g

ISO 6579-1:2017
ISO 16649-2:2001

Detection
Plate count

This report is validated by the following departments: María José Sánchez (R.T.,HPLC), Raquel Garre (R.T.,GC), María José Sánchez (R.T.,EXTRACCIONES), María José Sánchez (R.T.,BROMATOLOGIA), Carolina Cachinero (R.T.,ICP), Paloma Sanchez (R.T.,MICROBIOLOGIA).

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