

شهادة اعتماد

رقم TL 206



يقر نظام الاعتماد العراقي بأن:
مختبرات شركة ره زكه للتجارة العامة والمقاولات
والسيطرة النوعية والتفتيش والمختبرات/ محدودة المسؤولية
العراق- اقليم كردستان - السليمانية - بنجوين -منفذ باشماخ الحدودي

تم اعتمادها وفقا لمتطلبات المواصفة ISO/ IEC 17025:2017
(المتطلبات العامة لاهلية مختبرات الفحص والمعايرة)
في مجال:

- اختبارات المواد الغذائية
- اختبارات المواد البلاستيكية
- اختبارات المواد الانشائية
- اختبارات المواد البترولية والبتروكيماوية

العراق- اقليم كردستان - السليمانية - كه-لار- المنفذ الحدودي الدولي پرويزخان
في مجال:

- اختبارات المواد الغذائية - اختبارات المواد الانشائية - اختبارات المواد الكيميائية
- اختبارات المواد المعدنية - اختبارات المواد البترولية والبتروكيماوية

شرط التوافق مع متطلبات المواصفة اعلاه ومتطلبات IQAS الخاصة بالاعتماد
مجال الاعتماد المرفق بالشهادة يعتبر جزءا لا يتجزء منها
يمكن الحصول على الاصدار الاحدث من مجال الاعتماد من خلال الموقع الالكتروني

<https://iqas.mop.gov.iq>

يكون الاعتماد نافذا من 2025/12/21 الى 2027/2/26

تاريخ منح الاعتماد لأول مرة
2025/2/27

أ.د. محمد علي تميم
نائب رئيس مجلس الوزراء
وزير التخطيط

محمد آيدين عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 206



Iraqi Accreditation System Certify that:

Laboratories of Razga Company for General Trading, Contracting and Quality Control, Inspection, Laboratory /Ltd

Iraq- Kurdistan region -Sulaimani- Penjween- International border compound of Bashmakh

Is accredited according to the requirements of the standard ISO/IEC 17025:2017
(General Requirements for the Competence of Testing and Calibration Laboratories)

In the field of:

- Food Materials Testing
- Construction Materials Testing
- Polymer Materials Testing
- Petroleum & Petrochemical Materials Testing

Iraq- Kurdistan region Sulaimani- Kalar- International Border Compound of Parwezkhan
- Food Materials Testing - Construction Materials Testing - Chemical Materials Testing
- Metallurgical Materials Testing - Petroleum & Petrochemical Materials Testing

This accreditation is subject to with the above standard & IQAS requirements
The scope of accreditation is attached to the certificate & considered as part of it
The most recent issue of the accreditation scope is available on IQAS website

<https://iqas.mop.gov.iq>

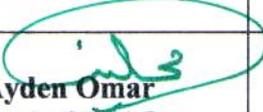
Accreditation is valid From 21/12/2025 To 26/2/2027

Initial accreditation date

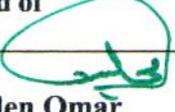
27/2/2025

Mohammed Ayden Omar
Director General of IQAS

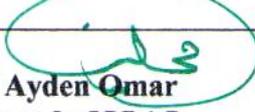
Dr. Mohammed Ali Tamim
Deputy Prime Minister
Minister of Planning

	<p style="text-align: center;">استمارة مجال الاعتماد Scope of Accreditation form</p>	<p style="text-align: center;">نظام الاعتماد العراقي IQAS</p>
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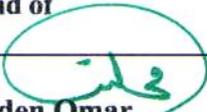
Testing field	Type of test	Test object or product	Reference to standardized method
Chemical	Determination of Moisture content	Tea	ISO 7513
	Determination of Saponification	Oil	ISO 3657
	Determination of Moisture %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Fat %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Protein %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Fiber %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Ash %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Starch %	Oat	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Free Fatty Acid %	Blends of Virgin and refined olive oil	American Oil Chemists' Society
	Determination of Trans Fatty Acid %	Blends of Virgin and refined olive oil	American Oil Chemists' Society
	Determination of Iodine Value gm/100gm	Blends of Virgin and refined olive oil	American Oil Chemists' Society

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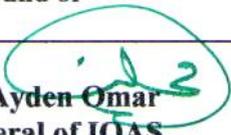
	Determination of C16:0 Palmitic %	Blends of Virgin and refined olive oil	American Oil Chemists' Society
	Determination of C18:0 Steric %	Blends of Virgin and refined olive oil	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of C18:1 Oleic %	Blends of Virgin and refined olive oil	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of C18:2 Linoleic %	Blends of Virgin and refined olive oil	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Free Fatty Acid %	Maize Oil (Corn Oil)	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Trans Fatty Acid %	Maize Oil (Corn Oil)	ISO 12099:2011 Animal Feeding Stuffs, cereals and milled cereal products
	Determination of Iodine Value gm/100gm	Maize Oil (Corn Oil)	American Oil Chemists' Society
	Determination of C16:0 Palmitic %	Maize Oil (Corn Oil)	American Oil Chemists' Society
	Determination of C18:0 Steric %	Maize Oil (Corn Oil)	American Oil Chemists' Society
	Determination of C18:1 Oleic %	Maize Oil (Corn Oil)	American Oil Chemists' Society
	Determination of C18:2 Linoleic %	Maize Oil (Corn Oil)	American Oil Chemists' Society
	Determination of Free Fatty Acid %	Rapeseed Oil	American Oil Chemists' Society
	Determination of Trans Fatty Acid %	Rapeseed Oil	American Oil Chemists' Society

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Determination of Iodine Value gm/100gm	Rapeseed Oil	American Oil Chemists' Society
Determination of C16:0 Palmitic %	Rapeseed Oil	American Oil Chemists' Society
Determination of C18:0 Steric %	Rapeseed Oil	American Oil Chemists' Society
Determination of C18:1 Oleic %	Rapeseed Oil	American Oil Chemists' Society
Determination of C18:2 Linoleic %	Rapeseed Oil	American Oil Chemists' Society
Determination of Free Fatty Acid %	Sesame seeds oil	American Oil Chemists' Society
Determination of Trans Fatty Acid %	Sesame seeds oil	American Oil Chemists' Society
Determination of Iodine Value gm/100gm	Sesame seeds oil	American Oil Chemists' Society
Determination of Free Fatty Acid %	Soya Bean Oil	American Oil Chemists' Society
Determination of Trans Fatty Acid %	Soya Bean Oil	American Oil Chemists' Society
Determination of Iodine Value gm/100gm	Soya Bean Oil	American Oil Chemists' Society
Determination of C16:0 Palmitic %	Soya Bean Oil	American Oil Chemists' Society
Determination of C18:0 Steric %	Soya Bean Oil	American Oil Chemists' Society
Determination of C18:1 Oleic %	Soya Bean Oil	American Oil Chemists' Society
Determination of C18:2 Linoleic %	Soya Bean Oil	American Oil Chemists' Society

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	Determination of Free Fatty Acid %	Sunflower Oil	American Oil Chemists' Society
	Determination of Trans Fatty Acid %	Sunflower Oil	American Oil Chemists' Society
	Determination of Iodine Value gm/100gm	Sunflower Oil	American Oil Chemists' Society
	Determination of C16:0 Palmitic %	Sunflower Oil	American Oil Chemists' Society
	Determination of C18:0 Steric %	Sunflower Oil	American Oil Chemists' Society
	Determination of C18:1 Oleic %	Sunflower Oil	American Oil Chemists' Society
	Determination of C18:2 Linoleic %	Sunflower Oil	American Oil Chemists' Society
	Determination of Moisture %	Dried Milk	ISO 21543 IDF 201
	Determination of Fat %	Dried Milk	ISO 21543 IDF 201
	Determination of Protein %	Dried Milk	ISO 21543 IDF 201
	Determination of Lactose %	Dried Milk	ISO 21543 IDF 201
Microbiological	Enumeration of coliforms- Colony count technique	Tea	ISO 4832
Physical	impact tester for porcelain tableware	For porcelain tableware	IQS1494 ASTM C368/88
	Bulk Specific Gravity	Stone	Iraqi manual 65/1989/ IQS1387
	Determination of Water absorption	Tile	ISO 10545-3 IQS5250
Physical	Determination of plastic pipe wall thickness	Metric digital outside micrometer 0-25 mm res:0.000mm	IQS 1512 IQS 5037 EN ISO 3126 :2005
		Digital caliper 0-300mm	

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		/0-12 res0.01mm	
physical	Determination of Kinematic Viscosity of Transparent and Opaque Liquids	Petroleum	ASTM D445
	Determination of Vapor pressure of petroleum products	Petroleum	ASTM D5191
	Determination of Density, relative density and API gravity of liquids by digital density meter	Antifreeze, hydraulic oil engine oil, gas oil, atf	ASTM D4052
Chemical	Determination of Sulfur content in petroleum and petroleum products by energy dispersive X- ray florescence spectrometry	Gasoline, gas oil, kerosene	ASTM D4294

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Testing field	Type of test	Test object or product	Reference to standardized method
Chemical	moisture,	Cheese	PerkinElmer validated method using DA 7250 NIR Analyzer
Chemical	fat		
Chemical	salt		
Chemical	protein		
Chemical	moisture	Potato chips	PerkinElmer validated method using DA 7250 NIR Analyzer
Chemical	Fat		
Chemical	salt		
Chemical	moisture	Dairy Powders	PerkinElmer validated method using DA 7250 NIR Analyzer
Chemical	Protein		
Chemical	fat		
Chemical	moisture	Ruminant feed	PerkinElmer validated method using DA 7250 NIR Analyzer
Chemical	protein		
Chemical	Ash		
Chemical	Heavy metals (Pb, Cd, Cr , Cu , Fe)	Tomato paste , water	- ISO 11885:2007 - BS EN 13805:2014 – pressure digestion of foodstuffs - AOAC Official method 2015.01
Chemical	Food additive (Caffeine), sorbic acid, benzoic acid	Beverage soft drink	Thermo Fischer Scientific method – Hypersil GOLD HPLC columns
Microbiological	Horizontal method for the enumeration of coliforms- Colony count technique	Food Product	ISO 4832
Microbiological	Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli Part 2: Colony-count	Food Product	ISO 16649-2:2001

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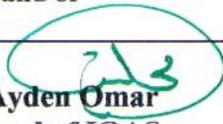
	technique at 44 degrees C using 5-bromo-4-chloro-3-indolyl beta-D-glucuronide		
Microbiological	Enumeration of yeasts and molds in foods using Easy plate YM-R, Kikkoman	Food Product	AOAC Performance Tested Methods Certificate #122401
Microbiological	Enumeration of aerobic bacteria in foods using Easy Plate AC, Kikkoman.	Food Product	AOAC Performance Tested Methods Certificate #041302
Microbiological	Enumeration of Coliforms in foods using Easy Plate CC, Kikkoman	Food Product	AOAC Performance Tested Methods Certificate #021401
Microbiological	Enumeration of <i>Escherichia coli</i> foods using Easy plate EC, Kikkoman	Food Product	AOAC Performance Tested Methods Certificate #031601
Microbiological	Enumeration of <i>Staphylococcus aureus</i> in foods using Easy plate SA, Kikkoman	Food Product	AOAC Performance Tested Methods Certificate #111703
detergents	pH	Powder household detergent	IQS 1276-1:2023
detergents	Available chlorine	Sodium hypochlorite solution	IQS 1266:2023
Chemical	L.O.I	Cement	BS EN 196-2:2013
Mechanical	Setting time by Vicat		IQS 198- A3:2021
Mechanical	Flexural strength		
Mechanical	Compressive strength		

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Mechanical	Soundness by Le Chatelier		
Mechanical	Free Water	Gypsum	IQS 273:2012
Mechanical	Combined Water		
Chemical	L.O.I		
Mechanical	Fineness	Gypsum	IQS1042:2011 +A2:2015
Mechanical	Setting Time		
Mechanical	Flexural Strength		
Mechanical	Compressive Strength		
Physical	Dimension & Shape	Terrazzo Tiles	IQS 31:1989
Physical	Total Water Absorption		
Physical	Water Absorption by tile-face		
Mechanical	Transverse Strength		
Physical	Dimension & Shape	Terrazzo Tiles internal use	IQS 5038: 2017
Mechanical	Transverse Strength		
Physical	Water Absorption	Ceramic tiles	ISO 10545-3:2019 ISO 10545- 4:2019 ISO 10545- 4:2019
Mechanical	Breaking Strength		
Mechanical	Modulus of Rupture		
Physical	Water absorption & bulk density	Stones	IQS 65/1:2016 IQS 65/2:2016 IQS 65/3:2016
Mechanical	Modulus of rupture		
Mechanical	Compressive strength		
Physical	Dimension	Brick	IQS 25 :1988
Mechanical	Compression		
Physical	Water absorption		
Physical	Dimension	Facing Bick	ASTM C216:2015
Mechanical	Compression		
Physical	Water absorption		
Mechanical	Coefficient of saturation		
Mechanical	Mass per unit length tolerance	Steel Bars for	IQS 5025:2024

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		concrete reinforcement	IQS 5264-2:2024 BS 4449 :2016
Mechanical	Tensile strength, Yield strength, Elongation		ASTM A370:2024 ASTM E8:2022
Mechanical	Bend Test		ASTM E290:2022
Mechanical	Diameter tolerance		IQS 5264-2:2024 IQS 5025:2024 BS 4449 :2016
Mechanical	Tensile strength, Yield strength after ageing Elongation(after fracture, total E at max force)		ISO 6892-1:2019 ISO 15630-1:2019
Mechanical	Bend Test, Rebend test		ISO 7438:2016
Mechanical	Markings		IQS 5264-2 :2024 IQS 5052-1 :2024 BS 4449 :2016
Mechanical	Mass per unit length tolerance		BS 4449 :2016
Mechanical	Tensile strength , yield strength after ageing		ISO 6892-1 :2019 ISO 15630-1 :2019
Mechanical	Total elongation at maximum force		
Mechanical	Rebend test		ISO 7438 :2016
Mechanical	Strength test with & across fiber grain]	Bitumen felts for waterproofing	IQS 4+A1:2013 BS EN 13707:2013
physical	Loss on heating		
physical	Thermal stability		
physical	Dimensions Tolerance	Cellular Concrete Blocks	IQS 810:09
physical	Dry bulk Density		
Mechanical	Compressive strength		

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physical	Water absorption	[thermstone]	
Mechanical	Initial Tensile Adhesion Strength Test	Cementitious Adhesives	ISO 13007-2:2013 EN 12004-2:2017
Mechanical	Tensile Adhesion Strength after water immersion		
Mechanical	Tensile Adhesion Strength after heat aging		
Mechanical	Determination of Slip		
Mechanical	Extended open time		
Mechanical	Flexural breaking	Gypsum Board	ASTM C 473:2019
physical	Density	Engine coolants Petroleum products	ASTM D5931-20 ASTM D4052
physical	Flash Point	diesel/biodiesel blends, diesel	D7094-25 ASTM D93-A
physical	Vapor Pressure	liquid petroleum products	ASTM D6378-22
physical	Flash Point	lube oil	ASTM D92-24
physical	Pour Point	Diesel / Lubricants	ASTM D97-17b
physical	Viscosity	lube oil	ASTM D445-24
chemical	Sulfur Content	Gasoline	ASTM D4294-24