

شهادة اعتماد

رقم TL 280



يقر نظام الاعتماد العراقي بأن:

**مختبر شركة شرارة العلم للبحث والتطوير العلمي
والنشاط المهني والفني المحدودة**
العراق - اقليم كردستان - اربيل - القرية الاسبانية - فيلا ٢٦٤

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

في مجال:

- اختبارات المواد الغذائية
- اختبارات المواد الكيميائية
- اختبارات المواد المعدنية
- اختبارات المواد البترولية والبتروكيميائية
- اختبارات المواد الانشائية
- اختبارات المواد البلاستيكية
- اختبارات المواد الزراعية

شروط 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 نافذاً من ٢٠٢٦/٣/١٠ الى ٢٠٢٨/٣/٩
تاريخ منح الاعتماد لأول مرة
٢٠٢٦/٣/١٠

د. خالد بنال النجم
وزير التخطيط/ وكالة

محمد أيكن عمر
مدير عام الهيئة/ وكالة

Ministry of planning
Iraqi Organization for Accreditation
IQAS

ACCREDITATION CERTIFICATE

No. TL 280



Iraqi Accreditation System Certify that:

Laboratory of Shararat Al-Alim Company for Scientific Research and Development and Professional and Technical Activity

Iraq – Kurdistan region- Erbil – Spanish Village – Villa 264

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
- Chemical Materials Testing
- Polymer Materials Testing
- Petroleum & Petrochemical Materials Testing
- Construction Materials Testing
- Metallurgical Materials Testing
- Agricultural 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 10/3/2026 To 9/3/2028

Initial accreditation date
10/3/2026

Mohammed Ayden Omar
Director General of IQAS

Prof. Dr. Khalid Battal Al-Najim
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>
<p>Organization address: Iraq – Kurdistan region- Erbil – Spanish Village – Villa 264</p>	<p>Organization name: Laboratory of Shararat Al-Alim Company for Scientific Research and Development and Professional and Technical Activity</p>	<p>Accreditation no.: TL 280</p>
<p>Signature:  Abdul Wahid M. Ibrahim Deputy General Manager</p>	<p>Accreditation is valid: From 10/3/2026 To 9/3/2028</p>	<p>Issue no.: 001</p>

Testing field	Type of test	Test object or product	Reference to standardized method
Chemical	Hydrocarbon composition	Fuels, oils	ASTM D7169
Chemical	VOCs	Environmental water, soil	EPA 8015
Chemical	Fatty acid methyl esters (FAME)	Edible oils, biodiesel	ISO 12966
Chemical	Solvents & alcohols	Pharmaceuticals, disinfectants	USP <467>
Chemical	Flavor/aroma compounds	Food & beverages	ISO 11024
Chemical	Permanent gases	Industrial & refinery gases	ASTM D1946
Chemical	Natural gas composition	Natural gas	ISO 6974
Chemical	Hydrogen, oxygen, nitrogen	Process gases	ASTM D1946
Chemical	Organochlorine pesticides	Food, water	EPA 8081
Chemical	Halogenated VOCs	Environmental samples	EPA 608
Chemical	Environmental contaminants	Water, soil	EPA 505
Chemical	Residual solvents	Pharmaceuticals	USP <467>
Chemical	Volatile impurities	APIs & excipients	ICH Q3C
Chemical	Packaging migrants	Food contact materials	EU 10/2011
Chemical	VOC screening	Environmental samples	EPA 502.2
Chemical	Pesticide residues	Food & feed	EN 15662
Chemical	PAHs	Food, water	EPA 8270
Chemical	Drugs of abuse (confirmation)	Biological samples	SAMHSA (analytical)
Chemical	BTEX	Fuels, water	EPA 8260
Chemical	Trace organic contaminants	Environmental samples	EPA 8270
Chemical	Research compound identification	Research samples	GC-MS/MS
Chemical	PAHs	Water, food	EPA 610
Chemical	Aflatoxins	Food & feed	ISO 16050
Chemical	Vitamins (fluorescent)	Food & supplements	AOAC

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Chemical	API assay	Pharmaceuticals	USP / Ph. Eur.
Chemical	Related substances	Drug products	ICH Q3A/Q3B
Chemical	Food additives	Food products	AOAC
Chemical	UV-active compounds	Research samples	HPLC-DAD
Chemical	Multi-residue pesticides	Food & environment	SANTE
Chemical	Mycotoxins	Food & feed	ISO 16050
Chemical	Drugs & metabolites	Biological samples	HPLC & LC-MS/MS
Chemical	Non-target screening	Environmental samples	HPLC & LC-MS/MS
Chemical	Research metabolomics	Research samples	HPLC & LC-MS/MS
Chemical	Moisture, fat, protein	Food	ISO 12099
Chemical	Raw material identification	Pharmaceuticals	USP <858>
Chemical	Counterfeit screening	Pharmaceuticals	USP <858>
Chemical	Molecular identification	Chemicals	ASTM E2529
Chemical	API identification	Pharmaceuticals	USP <858>
Chemical	Forensic & research screening	Research samples	Spectroscopy Raman
Chemical	Major & trace elements	Water	ISO 11885
Chemical	Nutritional minerals	Food	AOAC
Chemical	Metals in fuels	Oils	ASTM D5185
Chemical	Trace metals	Water	EPA 200.8
Chemical	Elemental impurities	Pharmaceuticals	USP <232>/<233>
Chemical	Toxic metals	Biological samples	ISO 17294
Chemical	Research elemental profiling	Research samples	ICP-OES & ICP-MS
Chemical	Anions	Water	ISO 10304
Chemical	Cations	Water	EPA 300.0
Chemical	Counter-ions	Pharmaceuticals	USP
Chemical	Ph	Water	ISO 10523
Chemical	Dissolved oxygen (DO/RDO)	Water	ISO 5814
Chemical	Electrical conductivity	Water	ASTM D1125

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Chemical	Total dissolved solids	Water	ASTM D5907
Chemical	Ion concentration (ISE)	Water	ASTM E197
Chemical	Turbidity	Water	ISO 7027
Chemical	Residual chlorine	Drinking water	EPA 330.5
Chemical	Nitrogen & protein	Food & feed	ISO 1871
Chemical	Fat content	Food	ISO 659
Chemical	Organic pollutants	Environmental samples	EPA 3545
Chemical	Research extraction	Research samples	Dionex ASE 350
Chemical	Phase identification	Cement, minerals	ASTM D5382
Chemical	Phase identification	Pharmaceutical raw materials (APIs, excipients)	USP <941>
Chemical	Crystallinity / polymorphism	Pharmaceutical solids	USP <941>
Chemical	Mineralogical analysis	Environmental soil and sediments	ISO 2597
Chemical	Material characterization	Industrial materials	ISO
Chemical	Research material characterization	Research samples	XRD
Chemical	Major & trace elements	Cement, metals	ASTM C114
Chemical	Elemental screening	Food and feed	AOAC
Chemical	Heavy metal screening	Environmental soil and sediments	EPA 6200
Chemical	Elemental impurities	Pharmaceutical raw materials	USP <232>