



ISO/IEC 17025:2017

מעבדות כיוול

תעודת הסמכה מס' 276 לרית מדידות בע"מ

כתובת אתר ייחוס: רח' אורן 4 שוהם,

עד יום: 05.05.2027

בתוקף מיום: 04.03.2025

הארגון נבדק ונבחן על ידי הרשות הלאומית להסמכת מעבדות (להלן הרשות) ונמצא ראוי להסמכה בהתאם לנספח פירוט היקף ההסמכה המצורף לתעודה זו, המהווה חלק בלתי נפרד ממנה ומספרו זהה למספר התעודה. הסמכה מצביעה על כשירות מקצועית ותפעול מערכת ניהול איכות בעלת הכרה בינלאומית. הארגון המוסמך על ידי הרשות, עומד בתקנים/ בדרישות המפורטים מעלה. דרישות התקנים הם לכשירות מקצועית ולמערכות ניהול, שהינן הכרחיות למתן תוצאות אמינות. הסמכה זו ניתנה בהתאם לכללי ISO/IEC 17011:2017 לפיהם פועלת הרשות ובמסגרתם מקיימת פיקוח שוטף על הארגון לצורך בחינת תפקודו המתמשך בהתאם לדרישות ההסמכה. ההסמכה תקפה כל עוד הארגון עונה לאמות המידה שנקבעו על ידי הרשות. הרשות חתומה על הסכם הכרה רב צדדי (MLA) מול ארגון European Accreditation Cooperation (EA).

תעודה זו אינה מהווה אישור לפי סעיף 12 לחוק התקנים.

תאריך הסמכה ראשון: 06.05.2015

אתי פלר
מנכ"ל

הרשות הלאומית להסמכת מעבדות



הרשות הלאומית להסמכת מעבדות
Israel Laboratory Accreditation Authority

Calibration Laboratories

ISO/IEC 17025:2017

Accreditation Certificate No. 276

Larit Measurements Ltd

Main site address: 4 Oren st., Shoham, Israel

Valid from: 04.03.2025

Until: 05.05.2027

The organization was assessed by the Israel Laboratory Accreditation Authority (ISRAC) and found to be worthy of accreditation to the detailed schedule attached.

The schedule is an integral part of this certificate and is numbered with the above certificate number.

Accreditation demonstrates technical competence and operation of an internationally recognized quality management system.

The organization accredited by ISRAC complies with the standards/requirements mentioned above, meets the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically competent results. This accreditation is granted in accordance with the requirements of ISO/IEC 17011:2017, and entails periodic surveillance and reassessment by ISRAC to ensure that the organization continues to comply with the accreditation requirements.

The accreditation is valid provided that the organization continues to meet the criteria as laid down by ISRAC. ISRAC is an EA-MLA (European Accreditation Cooperation Multi-Lateral Agreement) signatory.

This certificate does not constitute an approval in accordance with article 12 of the standard law.

**Etty Feller
General Manager**

Israel Laboratory Accreditation Authority

Date of first accreditation: 06.05.2015

Date of signature 07/04/2025

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Name and Address:

Organization name **Larit Measurements Ltd.**
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Fax +972-9-7405065
E-mail (contact person) larit@larit.co.il

P **Main:** 4 Oren st., Shoham, Israel

PI **Ranana:** HaSadna 13 St., Raanana, 43652, Israel

Site: P or T or M , P-Permanent, T-Temporary, M-Mobile

A permanent (P) or temporary (T) place, or a stationary or mobile (M) facility, at or from which the organization performs activities forming part of its scope of accreditation, starting from sampling to final issuance of a report or certificate and / or quality system activities. A temporary (T) site is a site established under the responsibility of an accredited permanent site. All activities performed at a temporary site are the responsibility of the permanent site. An outdoors work is also considered to be a temporary site. Temporary site will be a site that involves work for special project and the activity will be defined in time (up to 2 years).

Type of Scopes: A- Fixed, C- Flexible scope in analytical tests : Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.



Item	Scope Type	Site	Measurand Instrument, Gauge		Range [Including margins] (Does not include margins)	Uncertainty of Measurement ¹	Reference Documents	Remarks
Calibration – Small (up to 2L) Volume Volumetric Instruments						כיוול – מכשירים וולומטריים – נפחים קטנים עד 2 ליטר		
1	A	P	Liquid volume, Piston-operated volumetric apparatus	נפח נוזלים, מכשירים וולומטריים בהנעה בוכנה	Up to 1µl	0.020 µl	ISO 8655- 2 ISO 8655- 3 ISO 8655- 6 ISO/TR 20461 Manufacturers Instruction Procedure L-040	מתקן נפח מופעל בוכנה POVA
2	A	P			2 µl	0.020 µl		
3	A	P			5 µl	0.020 µl		
4	A	P			10 µl	0.020 µl		
5	A	P			20 µl	0.025 µl		
6	A	P			50 µl	0.050 µl		
7	A	P			100 µl	0.10 µl		
8	A	P			200 µl	0.20 µl		
9	A	P			500 µl	0.50 µl		
10	A	P			1000 µl	1.00 µl		
11	A	P			2000 µl	2.00 µl		
12	A	P			5000 µl	5.00 µl		
13	A	P			10000 µl	10.0 µl		
14	A	P			20000 µl	20.0 µl		
15	A	P			25000 µl	25.0 µl		



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Calibration – Small (up to 2L) Volume Volumetric Instruments					כיוול – מכשירים וולומטריים – נפחים קטנים עד 2 ליטר		
16	A	P		50000 µl	25.0 µl		
17	A	P		100000 µl	50.0 µl		



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Item	Scope Type	Site	Measurand Instrument, Gauge		Range [Including margins] (Does not include margins)	Uncertainty of Measurement ¹	Reference Documents	Remarks
Calibration – Physical Quantities - Mass						כיוול - גדלים פיזיקליים - מסה		
18	A	P	Mass	מסה משקולות	1 mg	0.0020 mg	OIML R 111	
19	A	P	Weights		2 mg	0.0024 mg	Procedure L020	
20	A	P			5 mg	0.0024 mg		
21	A	P			10 mg	0.0020 mg		
22	A	P			20 mg	0.0028 mg		
23	A	P			50 mg	0.0029 mg		
24	A	P			100 mg	0.0030 mg		
25	A	P			200 mg	0.0037 mg		
26	A	P			500 mg	0.0029 mg		
27	A	P			1 g	0.0032 mg		
28	A	P			2 g	0.0048 mg		
29	A	P			5 g	0.0056 mg		
30	A	P			10 g	0.016 mg		
31	A	P			20 g	0.016 mg		
32	A	P			50 g	0.027 mg		
33	A	P			100 g	0.035 mg		
34	A	P			200 g	0.053 mg		
35	A	P			500 g	0.2 mg		
36	A	P			1 kg	0.4 mg		
37	A	P			2 kg	1.5 mg		



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Calibration – Physical Quantities - Mass					כיוול - גדלים פיזיקליים - מסה		
38	A	P		5 kg	3.1 mg		
39	A	P		10 kg	5.9 mg		
40	A	P		20 kg	20 mg		
41	A	P;P1		50 kg	1.5 g		
42	A	P;P1		100 kg	4.0 g		
43	A	P;P1		200 kg	5.0 g		
44	A	P;P1		500 kg	25 g		
45	A	P;P1		1000 kg	42 g		
46	A	P;T	Mass	[0.001 g to 0.05 g]	0.0024 mg	OIML R 76-1 EURAMET cg-18 Procedure L030	res - resolution of the balance
47	A	P;T	Non automatic weighting machines	(0.05 g to 0.5 g]	0.0036 mg		mpe - maximum permissible error of the weights according to
48	A	P;T		(0.5 g to 5 g]	0.0071 mg		OIML R 111
49	A	P;T		(5 g to 50 g]	0.013 mg		ה mpe הינו הסטייה המקסימלית
50	A	P;T		(50 g to 300 g]	0.054 mg		המותרת של המשקולות איתם מבוצע
51	A	P;T		(300 g to 1200 g]	0.24 mg		הכיוול בפועל בהתאם לרמת דיוקם לפי
52	A	P;T		(1200 g to 3000 g]	0.82 mg		OIML-R 111
53	A	P;T		(3 to 1000] kg	$2 \times \sqrt{\left(\frac{res}{3.46}\right)^2 + \left(\frac{mpe}{1.74}\right)^2}$		Available standard weights:
54	A	T		(1000 to 2000] kg	120 g		E1 from 1 mg to 3000 g
55	A	T		(2000 to 3000] kg	200 g		E2 from 1 mg to 10 kg, F1 from 1 mg to 10 kg F2 from 10 k g to 20 kg M1 from 10 kg to 20 kg (50 pcs)

¹⁾ The uncertainty covered by the CMC expressed as the standard measurement uncertainty multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95 %.