



ISO/IEC 17025:2017

מעבדות בדיקה

**תעודת הסמכה מס' 536**  
**טופ זרעים אינטרנשיונל בע"מ**

כתובת אתר ייחוס: מושב שרונה, גליל תחתון, 1523200

עד יום: 30.08.2026

בתוקף מיום: 08.02.2024

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 (EA) European Accreditation Cooperation.

תעודה זו אינה מהווה אישור לפי סעיף 12 לחוק התקנים.

אתי פלר  
מנכ"ל  
הרשות הלאומית להסמכת מעבדות

תאריך הסמכה ראשון: 31.08.2022



הרשות הלאומית להסמכת מעבדות  
Israel Laboratory Accreditation Authority

**Testing Laboratories**

**ISO/IEC 17025:2017**

**Accreditation Certificate No. 536  
Top Seeds International Ltd**

**Main site address:** Moshav Sharona, Lower Galilee, 1523200, Israel

**Valid from: 08.02.2024**

**Until: 30.08.2026**

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: 31.08.2022**

Date of signature 08/02/2024

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**Name and Address:**

<b>Organization name</b>	<b>Top Seeds International Ltd</b>
<b>Address</b>	Moshav Sharona, Lower Galilee, 1523200, Israel
<b>Phone</b>	972-04-6620671
<b>Fax</b>	972-04-6620673
<b>E-mail (contact person)</b>	inbal@topseedsltd.com

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	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of products: Agriculture, Agricultural products</b>				<b>משפחת מוצרים: חקלאות, מוצרים חקלאיים</b>				
<b>Seeds &amp; Plant Health, Immunochemistry, ELISA</b>				<b>בריאות זרעים וצמחים, אימונוכימיה, ELISA</b>				
1	A	P	Tomato seeds זרעי עגבנייה	Detection of PepMV	גילוי PepMV	In house procedure	--- Based on: (1) ISHI protocol: Detection of PepMV in tomato seeds ISHI = International Seed Health Initiative PepMV = <i>Pepino mosaic virus</i>	
2	A	P	Tomato plants צמחי עגבנייה	Detection of PepMV	גילוי PepMV	In house procedure	--- Based on: (1)	
3	A	P	Pepper seeds זרעי פלפל	Detection of PepMV	גילוי PepMV	In house procedure	--- Based on: (1)	
4	A	P	Pepper plants צמחי פלפל	Detection of PepMV	גילוי PepMV	In house procedure	--- Based on: (1)	
5	A	P	Cucumber seeds זרעי מלפפון	Detection of CGMMV	גילוי CGMMV	In house procedure	--- Based on: (2) ISF method: detection of CGMMV in Cucurbit seeds ISF = International Seed Federation CGMMV = <i>Cucumber green mottle mosaic virus</i>	
6	A	P	Cucumber plants צמחי מלפפון	Detection of CGMMV	גילוי CGMMV	In house procedure	--- Based on: (2)	
7	A	P	Tomato seeds זרעי עגבנייה	Detection of ToBRFV	גילוי ToBRFV	In house procedure	--- Based on: (3) ISHI protocol: Detection of ToBRFV in Tomato and Pepper Seeds Agdia inc. protocol or Bioreba protocol ISHI = International Seed Health Initiative ToBRFV = <i>Tomato brown rugose fruit virus</i>	
8	A	P	Pepper seeds זרעי פלפל	Detection of ToBRFV	גילוי ToBRFV	In house procedure	--- Based on: (3)	
9	A	P	Tomato plants צמחי עגבנייה	Detection of ToBRFV	גילוי ToBRFV	In house procedure	--- Based on: (3)	
10	A	P	Pepper plants צמחי פלפל	Detection of ToBRFV	גילוי ToBRFV	In house procedure	--- Based on: (3)	



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<b>Group of products: Agriculture, Agricultural products</b>				<b>משפחת מוצרים: חקלאות, מוצרים חקלאיים</b>				
<b>Seeds &amp; Plant Health, Molecular methods, Real time PCR</b>				<b>בריאות זרעים וצמחים, שיטות מולקולריות, Real time PCR</b>				
11	A	P	Tomato seeds	זרעי עגבנייה Detection of ToBFRV	ToBFRV גילוי	In house procedure	---	Based on: (4) ISHI protocol: Detection of ToBFRV in Tomato and Pepper Seed by SE-qPCR
12	A	P	Pepper seeds	זרעי פלפל Detection of ToBFRV	ToBFRV גילוי	In house procedure	---	Based on: (4)
13	A	P	Tomato plants	צמחי עגבנייה Detection of ToBFRV	ToBFRV גילוי	In house procedure	---	Based on: (4)
14	A	P	Pepper plants	צמחי פלפל Detection of ToBFRV	ToBFRV גילוי	In house procedure	---	Based on: (4)
15	A	P	Tomato seeds	זרעי עגבנייה Detection of Pospiviroids	Pospiviroids גילוי	In house procedure	---	Based on: (5) EPPO PM 7/138-1 Pospiviroids (genus <i>Pospiviroid</i> ) (6) Naktuinbouw Protocol SPN-V043e: Real-time RT PCR (RT TaqMan PCR) for Pospiviroids on seeds of tomato ( <i>Solanum lycopersicum</i> ) EPPO = European and Mediterranean Plant Protection Organization Pospiviroids: CEVd = <i>Citrus exocortis viroid</i> CLVd = <i>Columnnea latent viroid</i> PCFVd = <i>Pepper chat fruit viroid</i> PSTVd = <i>Potato spindle tuber viroid</i> TASVd = <i>Tomato apical stunt viroid</i> TCDVd = <i>Tomato chlorotic dwarf viroid</i> TPMVd = <i>Tomato planta macho viroid</i>



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<b>Group of products: Agriculture, Agricultural products</b>				<b>משפחת מוצרים: חקלאות, מוצרים חקלאיים</b>				
<b>Seeds &amp; Plant Health, Molecular methods, Real time PCR</b>				<b>בריאות זרעים וצמחים, שיטות מולקולריות, Real time PCR</b>				
16	A	P	Pepper seeds זרעי פלפל	Detection of Pospiviroids	גילוי Pospiviroids	In house procedure	---	Based on: (5), (7) Naktuinbouw Protocol SPN-V044e: Real-time RT-PCR (RT TaqMan PCR) for pospiviroids on seeds of pepper ( <i>Capsicum annuum</i> ), eggplant ( <i>Solanum melongena</i> ) and sticky nightshade ( <i>Solanum sisymbriifolium</i> ). Pospiviroids: CEVd, CLVd, PCFVd, PSTVd, TASVd, TCDVd, TPMVd
17	A	P	Tomato plants צמחי עגבנייה	Detection of Pospiviroids	גילוי Pospiviroids	In house procedure	---	Based on: (5,6) Pospiviroids: CEVd, CLVd, PCFVd, PSTVd, TASVd, TCDVd, TPMVd
18	A	P	Pepper plants צמחי פלפל	Detection of Pospiviroids	גילוי Pospiviroids	In house procedure	---	Based on: (5,7) Pospiviroids: CEVd, CLVd, PCFVd, PSTVd, TASVd, TCDVd, TPMVd