



ISO/IEC 17025:2017

מעבדות בדיקה

תעודת הסמכה מס' 184

מעבדות חי בע"מ

כתובת אתר ייחוס: מנחם פלאוט 6, פארק תמר רחובות 76326

עד יום: 31.03.2021

בתוקף מיום: 01.04.2019

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 למעלה. 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. תעודה זו אינה מהווה אישור לפי סעיף 12 לחוק התקנים.

תאריך הסמכה ראשון: 01.04.2008

מנכ"ל

הרשות הלאומית להסמכת מעבדות

Date of signature 30.06.2019

Page No. 1 of: 14



הרשות הלאומית להסמכת מעבדות
Israel Laboratory Accreditation Authority

Testing Laboratories

ISO/IEC 17025:2017

Accreditation Certificate No. 184

Hy Laboratories Ltd.

Main site address: 6 Menachem Plaut St. Park Tamar, Rehovot 76326, Israel

Valid from: 01.04.2019

Until: 31.03.2021

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.

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

Date of first accreditation: 01.04.2008

Etty Feller

General Manager

Israel Laboratory Accreditation Authority

Date of signature 30.06.2019

Page No. 2 of: 14



Name and Address:

Laboratory name Hy Laboratories Ltd.
Address 6 Menachem Plaut St. Park Tamar, Rehovot 76326, Israel
Phone +972-8-936-6475
Fax +972-8-936-6474
E-Mail ilanitB@hylabs.co.il

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	
Group of products: Medical products & Medical Devices					משפחת מוצרים: תכשירים רפואיים ואביזרים רפואיים				
Biological Testing, Bacteria, Fungi and Yeast, Count, Classification and Identification					בדיקות ביולוגיות, חיידקים פטריות ושמרים, ספירה, מיון וזיהוי				
1	A	P	Biological fluids	נוזלים ביולוגיים	Sterility testing	מבחן סטריליות	In house procedure	---	Based on: USP 71 and EP 2.6.1 USP= U.S. Pharmacopeia EP=European Pharmacopoeia
2	A	P	Biological products	מוצרים ביולוגיים	Endotoxins	אנדוטוקסינים	In house procedure	---	Based on: USP 85, EP 2.6.14 and AAMI ST72 AAMI= Association for the Advancement of Medical Instrumentation
3	A	P	Biological products produced in cell substrates	מוצרים ביולוגיים ממקור תאי	Detection of Mycoplasma Contamination	גילוי זיהום מיקופלסמה	In house procedure	---	Based on : USP 63, FDA CFR, 610.30 EP 01 / 2007: 20607,2.6.7 FDA = Food and Drug
4	A	P	Biological products produced in cell substrates	מוצרים ביולוגיים ממקור תאי	Gram stain	צביעת גרם	In house procedure	---	Based on: Differential Fixed Staining Methods, Manual of Clinical Microbiology, ASM, 7th edition Clinical Microbiology Procedures Handbook (ASM), 1.5, 2000
5	A	P	Biological products produced in cell substrates	מוצרים ביולוגיים ממקור תאי	Sterility testing	מבחן סטריליות	In house procedure	---	Based on: USP 71 and EP 2.6.1
6	A	P	Implant devices	מוצרים המיועדים להשתלה	Endotoxins	אנדוטוקסינים	In house procedure	---	Based on: USP 85, EP 2.6.14 and AAMI ST72
7	A	P	Liquid for Injection	נוזלים המיועדים להזרקה	Endotoxins	אנדוטוקסינים	In house procedure	---	Based on: USP 85 and EP 2.6.14

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	
Group of products: Medical products & Medical Devices				משפחת מוצרים: תכשירים רפואיים ואביזרים רפואיים				
Biological Testing, Bacteria, Fungi and Yeast, Count, Classification and Identification				בדיקות ביולוגיות, חיידקים פטריות ושמרים, ספירה, מיון וזיהוי				
8	A	P	Medical devices אביזרים רפואיים	Estimation of population of microorganisms on products הערכה של אוכלוסיית המיקרואורגניזמים על מוצרים	In house procedure	---	Based on: ISO 11737 part 1 and BS 1174 part 3 ISO = International Standards Organization	
9	A	P	Medical Devices אביזרים רפואיים	Sterility testing מבחן סטריליות	In house procedure	---	Based on: USP 71 and EP 2.6.1	
10	A	P	Pharmaceutical Products (Fluids) מוצרים פארמצאוטיים (נוזלים)	Microbiological Examination of Non-Sterile Products (MLT) בדיקה מיקרוביאלית של מוצרים לא-סטריליים	In house procedure	---	Based on: USP 61, 62 and EP 2.6.1, EP 2.6.13	
11	A	P	Pharmaceutical Products (Miscible solids) מוצרים פארמצאוטיים (מוצקים מסוימים)	Microbiological Examination of Non-Sterile Products (MLT) בדיקה מיקרוביאלית של מוצרים לא-סטריליים	In house procedure	---	Based on: USP 61, 62 and EP 2.6.1, EP 2.6.13	
12	A	P	Pharmaceutical Products (Solid that does not dissolve and remains suspended in the solution) מוצרים פארמצאוטיים (מוצקים לא מסיסים אשר נשארים מורחפים בתמיסה)	Microbiological Examination of Non-Sterile Products (MLT) בדיקה מיקרוביאלית של מוצרים לא-סטריליים	In house procedure	---	Based on: USP 61, 62 and EP 2.6.1, EP 2.6.13	
13	A	P	Products for Veterinary Use מוצרים לשימוש וטרינרי	Detection of Mycoplasma Contamination גילוי זיהום מיקופלסמה	In house procedure	---	Based on: VICH GL34 VICH= Veterinary International Conference on Harmonization	
14	A	P	Water for dialysis מי דיאליזה	Endotoxins אנדוטוקסינים	משרד הבריאות, חוזר מנהל רפואה: טיפול במים לשימוש בהמודיאליזה	---	Based on: USP 85, 1231, EP 2.6.14, ISO 23500 and AAMI ST72	
15	A	P	Water for dialysis מי דיאליזה	Microbiological Examination of Non-Sterile Products (MLT) בדיקה מיקרוביאלית של מוצרים לא-סטריליים	משרד הבריאות, חוזר מנהל רפואה: טיפול במים לשימוש בהמודיאליזה	---	Based on: USP 1231, ISO 23500, SM 9222B, 9213E SM=Standard Methods	

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
Group of products: Medical products & Medical Devices					משפחת מוצרים: תכשירים רפואיים ואביזרים רפואיים		
Chemical Testing, Spectroscopy, ICP-MS					ICP-MS, ספקטרוסקופיה		
16	A	P	Water for dialysis	מי דיאליזה Trace elements	בדיקת יסודות	---	Metals: Ag, As, Al, Ba, Be, Ca, Cd, Cr, Cu, Hg, K, Mg, Na, Pb, Sb, Se, Ti, Zn
17	A	P	Water for dialysis	מי דיאליזה Trace elements	בדיקת יסודות	---	Metals: Ag, As, Al, Ba, Be, Ca, Cd, Cr, Cu, Hg, K, Mg, Na, Pb, Sb, Se, Ti, Zn
18	A	P	Water for dialysis	מי דיאליזה Trace elements	בדיקת יסודות	---	Metals: Ag, As, Al, Ba, Be, Ca, Cd, Cr, Cu, Hg, K, Mg, Na, Pb, Sb, Se, Ti, Zn

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
Group of products: Medical products & Medical Devices					משפחת מוצרים: תכשירים רפואיים ואביזרים רפואיים		
Physical Testing					בדיקות פיזיקליות		
19	A	P	Flexible Barrier Packages	אריזות גמישות אטומות Seal Strength	בדיקת חוזק הלחמה	---	ASTM F88/F88M
20	A	P	Porous packaging	אריזות נקבוביות Detecting seal leaks by dye penetration	בדיקת אטימות ע"י חדירות צבע	---	ASTM F1929
21	A	P	Sterile Barrier packages	אריזות סטריליות אטומות Accelerated temperature & humidity monitoring	ניטור טמפרטורה ולחות בתנאים מואצים	---	ASTM F1980

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
Group of products: Agriculture - Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים				
Biological Testing, Bacteria, Fungi and Yeast, Count, Classification and Identification					בדיקות ביולוגיות, חיידקים פטריות ושמרים, ספירה, מיון וזיהוי				
22	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Total aerobic microbial count	ספירה כללית של מיקרואורגניזמים אירוביים	In house procedure	---	Based on: USP 61, USP 62
23	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Total Yeast and molds count	ספירה כללית של שמרים ועובש	In house procedure	---	Based on: USP 61, USP 62
24	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Enterobacteriaceae	אנטרובקטריאצאה	In house procedure	---	Based on: USP 61, USP 62
25	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Escherichia coli	אשריכיה קולי	In house procedure	---	Based on: USP 61, USP 62
26	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Escherichia coli O157	O157 אשריכיה קולי	In house procedure	---	Based on: USP 61, USP 62
27	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Staphylococcus aureus	סטפילוקוקוס אוראוס	In house procedure	---	Based on: USP 61, USP 62
28	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Pseudomonas aeruginosa	פסאדומנס ארוגינזאה	In house procedure	---	Based on: USP 61, USP 62
29	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Listeria spp.	מיני ליסטריה	In house procedure	---	Based on: USP 61, USP 62
30	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Salmonella spp.	מיני סלמונלה	In house procedure	---	Based on: USP 61, USP 62
31	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Shigella spp.	מיני שיגלה	In house procedure	---	Based on: USP 61, USP 62
32	A	P	Cannabis oil	שמן קנביס	Total aerobic microbial count	ספירה כללית של מיקרואורגניזמים אירוביים	In house procedure	---	Based on: USP 61, USP 62

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	
Group of products: Agriculture - Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים			
Biological Testing, Bacteria, Fungi and Yeast, Count, Classification and Identification					בדיקות ביולוגיות, חיידקים פטריות ושמרים, ספירה, מיון וזיהוי			
33	A	P	Cannabis oil	שמן קנביס Total Yeast and molds count	ספירה כללית של שמרים ועובש	In house procedure	---	Based on: USP 61, USP 62
34	A	P	Cannabis oil	שמן קנביס Enterobacteriaceae	אנטרובקטריאצאה	In house procedure	---	Based on: USP 61, USP 62
35	A	P	Cannabis oil	שמן קנביס Escherichia coli	אשריכיה קולי	In house procedure	---	Based on: USP 61, USP 62
36	A	P	Cannabis oil	שמן קנביס Escherichia coli O157	O157 אשריכיה קולי	In house procedure	---	Based on: USP 61, USP 62
37	A	P	Cannabis oil	שמן קנביס Staphylococcus aureus	סטפילוקוקוס אוראוס	In house procedure	---	Based on: USP 61, USP 62
38	A	P	Cannabis oil	שמן קנביס Pseudomonas aeruginosa	פסאדומנס ארוגינזאה	In house procedure	---	Based on: USP 61, USP 62
39	A	P	Cannabis oil	שמן קנביס Listeria spp.	מיני ליסטריה	In house procedure	---	Based on: USP 61, USP 62
40	A	P	Cannabis oil	שמן קנביס Salmonella spp.	מיני סלמונלה	In house procedure	---	Based on: USP 61, USP 62
41	A	P	Cannabis oil	שמן קנביס Shigella spp.	מיני שיגלה	In house procedure	---	Based on: USP 61, USP 62

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	
Group of products: Agriculture - Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים				
Chemical Testing, Spectroscopy, ICP-MS					בדיקות כימיות, ספקטרוסקופיה, ICP-MS				
42	A	P	Cannabis leaves and buds	עלי קנביס ותפרחותיו	Trace elements	בדיקת יסודות	In house procedure	--- Based on: USP 730, USP 1225, USP 233, EP 2.4.27 Metals: As, Cd, .Hg, Ni, Pb., Zn	
43	A	P	Cannabis oil	שמן קנביס	Trace elements	בדיקת יסודות	In house procedure	--- Based on: USP 730, USP 1225, USP 233, EP 2.4.27 Metals: As, Cd, .Hg, Ni, Pb., Zn	

Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
Group of products: Agriculture, Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים				
Seeds & Plants Health, Molecular Methods					בריאות זרעים וצמחים, שיטות מולקולריות				
44	A	P	Tomato seeds	זרעי עגבנייה	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Cmm)	Cmm	In house procedure	--- Taqman real time PCR Based on: Seed Health Testing Methods, ISHI Veg: ISF	
45	A	P	Pepper seeds	זרעי פלפל	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Cmm)	Cmm	In house procedure	--- Taqman real time PCR Based on: Seed Health Testing Methods, ISHI Veg: ISF	

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	
Group of products: Agriculture, Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים			
Seeds & Plants Health, Molecular Methods					בריאות זרעים וצמחים, שיטות מולקולריות			
46	A	P	Tomato seeds	זרעי עגבנייה <i>Xanthomonas campestris pv vesicatoria</i> (Xcv)	Xcv	In house procedure	---	Based on: Obradovic et al, 2004. Characterization and PCR-based typing of <i>Xanthomonas campestris pv vesicatoria</i> from peppers and tomatoes in Serbia. European Journal of Plant Pathology 110:285-292.
47	A	P	Pepper seeds	זרעי פלפל <i>Xanthomonas campestris pv vesicatoria</i> (Xcv)	Xcv	In house procedure	---	Based on: Obradovic et al, 2004. Characterization and PCR-based typing of <i>Xanthomonas campestris pv vesicatoria</i> from peppers and tomatoes in Serbia. European Journal of Plant Pathology 110:285-292.
48	A	P	Tomato seeds	זרעי עגבנייה <i>Potato spindle tuber viroid</i> (PSTVd)	PSTVd	In house procedure	---	RT-TaqMan real rime PCR Based on: Naktuinboum SPN-V043e
49	A	P	Pepper seeds	זרעי פלפל <i>Potato spindle tuber viroid</i> (PSTVd)	PSTVd	In house procedure	---	RT-TaqMan real rime PCR Based on: Naktuinboum SPN-V043e
50	A	P	Tomato seeds	זרעי עגבנייה <i>Pepino Mosaic Virus</i> (PepMV)	PepMV	In house procedure	---	RT-PCR Based on: Ling et al, 2008. Genetic composition of <i>Pepino mosaic virus</i> population in North American greenhouse tomatoes. Plant Dis. 92: 1683-1688.

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	
Group of products: Agriculture, Agricultural Products					משפחת מוצרים: חקלאות, מוצרים חקלאיים			
Seeds & Plants Health, Molecular Methods					בריאות זרעים וצמחים, שיטות מולקולריות			
51	A	P	Tomato seeds	זרעי עגבנייה <i>Fusarium oxysporum</i>	<i>Fusarium oxysporum</i>	In house procedure	---	Based on: Hirano & Arie, 2006. PCR-based differentiation of <i>Fusarium oxysporum</i> ff.sp.lycopersici and radicy-lycopersici and races of <i>F.oxysporum</i> f. sp. <i>Lycopersici</i> . J Gen Plant Pathol 72:273-283
52	A	P	Tomato seeds	זרעי עגבנייה <i>Erwinia carotovora</i> subsp. <i>Carotovora</i> (Ecc)	Ecc	In house procedure	---	Based on: Darrasse et al, 1994. PCR and Restriction Fragment Length Polymorphism of a pel Gene as a Tool To Identify <i>Erwinia carotovora</i> in Relation to Potato Diseases. Applied and Environmental Microbiology, 60:p. 1437-1443
53	A	P	Pepper seeds	זרעי פלפל <i>Erwinia carotovora</i> subsp. <i>Carotovora</i> (Ecc)	Ecc	In house procedure	---	Based on: Darrasse et al, 1994. PCR and Restriction Fragment Length Polymorphism of a pel Gene as a Tool To Identify <i>Erwinia carotovora</i> in Relation to Potato Diseases. Applied and Environmental Microbiology, 60:p. 1437-1443

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	
Group of products: Agriculture, Agricultural Products				משפחת מוצרים: חקלאות, מוצרים חקלאיים				
Seeds & Plants Health, Culture Methods and Bioassay				בריאות זרעים וצמחים, שיטות בתרבית וצמחי בוחן				
54	A	P	Tomato seeds	זרעי עגבייה <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Cmm)	Cmm	In house procedure	---	Based on: Seed Health Testing Methods, ISHI Veg: ISF
55	A	P	Pepper seeds	זרעי פלפל <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Cmm)	Cmm	In house procedure	---	Based on: Seed Health Testing Methods, ISHI Veg: ISF
56	A	P	Tomato seeds	זרעי עגבייה <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> (Xcv)	Xcv	In house procedure	---	Based on: Seed Health Testing Methods, ISHI Veg: ISF
57	A	P	Pepper seeds	זרעי פלפל <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> (Xcv)	Xcv	In house procedure	---	Based on: Seed Health Testing Methods, ISHI Veg: ISF
58	A	P	Tomato seeds	זרעי עגבייה Total Tobamoviruses: TMV (<i>Tobacco Mosaic virus</i>) & ToMV (<i>Tomato Mosaic virus</i>)	Total Tobamoviruses: (TMV & ToMV)	In house procedure	---	Based on: ISTA protocol 7-028
59	A	P	Pepper seeds	זרעי פלפל Total Tobamoviruses: TMV (<i>Tobacco Mosaic virus</i>) & ToMV (<i>Tomato Mosaic virus</i>) & PMMoV (<i>Pepper mild mottle virus</i>)	Total Tobamoviruses: (TMV & ToMV & PMMoV)	In house procedure	---	Based on: ISTA protocol 7-028
60	A	P	Tomato seeds	זרעי עגבייה <i>Fusarium oxysporum</i>	<i>Fusarium oxysporum</i>	In house procedure	---	Based on: PPIS official seed testing laboratory protocols
61	A	P	Pepper seeds	זרעי פלפל <i>Phytophthora</i> spp.	<i>Phytophthora</i> spp.	In house procedure	---	Based on: PPIS official seed testing laboratory protocols

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
Group of products: Agriculture, Agricultural Products				משפחת מוצרים: חקלאות, מוצרים חקלאיים			
Seeds & Plants Health, Culture Methods and Bioassay				בריאות זרעים וצמחים, שיטות בתרבית וצמחי בוחן			
62	A	P	Tomato seeds	זרעי עגבנייה <i>Erwinia carotovora subsp. Carotovora (Ecc)</i>	Ecc	In house procedure	--- Based on: PPIS official seed testing laboratory protocols
63	A	P	Pepper seeds	זרעי פלפל <i>Erwinia carotovora subsp. Carotovora (Ecc)</i>	Ecc	In house procedure	--- Based on: PPIS official seed testing laboratory protocols
64	A	P	Tomato seeds	זרעי עגבנייה <i>Pseudomonas corrugate (Pc)</i>	Pc	In house procedure	--- Based on: NSHS So 3.1
65	A	P	Pepper seeds	זרעי פלפל <i>Pseudomonas corrugate (Pc)</i>	Pc	In house procedure	--- Based on: NSHS So 3.1
66	A	P	Tomato seeds	זרעי עגבנייה <i>Pseudomonas syringae pv. Tomato (Pt)</i>	Pt	In house procedure	--- Based on: NSHS So 3.1

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
Group of products: Agriculture, Agricultural Products				משפחת מוצרים: חקלאות, מוצרים חקלאיים			
Seeds & Plants Health, Immunochemistry, ELISA				בריאות זרעים וצמחים, אימונוכימיה, ELISA			
67	A	P	Tomato seeds	זרעי עגבנייה <i>Pepino Mosaic Virus (PepMV)</i>	PepMV	In house procedure	--- Based on: Seed Health Testing Methods, ISHI Veg; ISF
68	A	P	Tomato seeds	זרעי עגבנייה <i>ToMV (Tomato Mosaic virus)</i>	ToMV	In house procedure	--- Based on: ISTA protocol 7-028
69	A	P	Pepper seeds	זרעי פלפל <i>ToMV (Tomato Mosaic virus)</i>	ToMV	In house procedure	--- Based on: ISTA protocol 7-028
70	A	P	Tomato seeds	זרעי עגבנייה <i>TMV (Tobacco Mosaic Virus)</i>	TMV	In house procedure	--- Based on: ISTA protocol 7-028
71	A	P	Pepper seeds	זרעי פלפל <i>TMV (Tobacco Mosaic Virus)</i>	TMV	In house procedure	--- Based on: ISTA protocol 7-028
72	A	P	Tomato seeds	זרעי עגבנייה <i>Pepper mild mottle virus (PMMoV)</i>	PMMoV	In house procedure	--- Based on: ISTA protocol 7-028
73	A	P	Pepper seeds	זרעי פלפל <i>Pepper mild mottle virus (PMMoV)</i>	PMMoV	In house procedure	--- Based on: ISTA protocol 7-028
74	A	P	Cucurbitaceae seeds	זרעים ממשפחת הדלועיים <i>Cucumber green mottle mosaic virus (CGMMV)</i>	CGMMV	In house procedure	--- Based on: Seed Health Testing Methods, ISHI Veg; ISF
75	A	P	Cucurbitaceae seeds	זרעים ממשפחת הדלועיים <i>Squash mosaic virus (SqMV)</i>	SqMV	In house procedure	--- Based on: Seed Health Testing Methods, ISHI Veg; ISF

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.