



Department: Testing Laboratory

ISO/IEC 17025;2005

Accreditation No.

110

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Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No. 110

Schedule of Accreditation

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, Plant Health, Culture Methods				בדיקות ביולוגיות, בריאות צמחים, שיטות בתרבית			
1	A	P	Onion: <i>Sclerotium cepivorum</i>	בצל Detection and identification of fungi: <i>Sclerotium cepivorum</i>	גילוי וזיהוי פטריה: <i>Sclerotium cepivorum</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 512
2	A	P	Onion: <i>Urocystis cepulae</i>	בצל Detection and identification of fungi: <i>Urocystis cepulae</i>	גילוי וזיהוי פטריה: <i>Urocystis cepulae</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 298
3	A	P	Plants	צמחים <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	חיידק כיב בקטריאלי	In house procedure	--- Based on: LOEWE kit or Agdia kit
4	A	P	Plants	צמחים Detection of pathogenic bacteria and fungi	גילוי גורמי מחלות פטרייתיים ובקטריאליים	In house procedure	--- Based on: (1) Illustrated genera of imperfect fungi (1972) third ed. H.L Barnett, Barry B. Hunter (2) Plant pathogenic & endophytic Botryosphaerales known from culture 2013, Netherlands, Alan J.L & co (3) Detection of bacteria in seeds. A.W. Saettler and all (1989) APS Press (4) Plant pathogenic bacteria, second addition, N.W Schaad (1989)
5	A	P	Plants	צמחים <i>Pseudomonas corrugata</i>	חיידק נמק חליבה	In house procedure	---
6	A	P	Plants	צמחים <i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	חיידק מחלת הדמיעה	In house procedure	---
7	A	P	Plants	צמחים <i>Pseudomonas syringae</i> pv. <i>psi</i>	חיידק פסאדמונס	In house procedure	---
8	A	P	Plants	צמחים <i>Pseudomonas syringae</i> pv. <i>tomato</i>	חיידק הניקוד הבקטריאלי	In house procedure	--- Based on: Laboratory Guide for Identification of Plant Pathogenic Bacteria
9	A	P	Plants	צמחים <i>Xanthomonas campestris</i> pv. <i>campestris</i> (Xcc)	חיידק מחולל מחלת שחור גידים בכרוביים	In house procedure	--- Based on: ISTA-7-019-Detection of Xcc on Brassica spp- (2005)

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Type of Scopes: A- Fixed, C- flexible

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות זהה למספר הנספח וממנו נפרד בלתי חלק מהווה חלק בלתי נפרד ממנו ומספר זה להסמכת מעבדות זהה למספר הנספח וממנו נפרד בלתי חלק מהווה חלק בלתי נפרד ממנו ומספר זה



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Biological Testing, Plant Health, Culture Methods					בדיקות ביולוגיות, בריאות צמחים, שיטות בתרבית		
10	A	P	Plants	צמחים <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> (Xcv)	חיידק מחולל מחלת גרב בקטרי בסולניים	In house procedure	--- Based on: Agdia kit and In House kit

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Group of products: Agriculture, Agricultural products					משפחת מוצרים: חקלאות, מוצרים חקלאיים		
Biological Testing, Plant Health, Immunochemistry					בדיקות ביולוגיות, בריאות צמחים, אימונוכימיה		
11	A	P	Cucurbitacea plants	צמחים ממשפחת הדלועיים	Cucumber Green Mottle Mosaic Virus (CGMMV)	In house procedure	--- Based on: Prime ELISA kit
12	A	P	Cucurbitacea plants	צמחים ממשפחת הדלועיים	Cucumber Mosaic Virus (CMV)	In house procedure	--- Based on: Prime ELISA kit
13	A	P	Cucurbitacea plants	צמחים ממשפחת הדלועיים	Melon Necrotic Spot Carmovirus (MNSV)	In house procedure	--- Based on: Loewe ELISA kit
14	A	P	Cucurbitacea plants	צמחים ממשפחת הדלועיים	Squash Mosaic Virus (SqMV)	In house procedure	--- Based on: Prime ELISA kit
15	A	P	Cucurbitacea plants	צמחים ממשפחת הדלועיים	Zucchini Yellow Mosaic Virus (ZYMV)	In house procedure	--- Based on: Loewe ELISA kit
16	A	P	Solanacea plants	צמחים ממשפחת הסולניים	Alfalfa Mosaic Virus – (AMV)	In house procedure	--- Based on: Prime ELISA kit
17	A	P	Solanacea plants	צמחים ממשפחת הסולניים	Cucumber Mosaic Virus (CMV)	In house procedure	--- Based on: Prime ELISA kit

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Biological Testing, Plant Health, Immunochemistry				בדיקות ביולוגיות, בריאות צמחים, אימונוכימיה					
18	A	P	Solanacea plants	צמחים ממשפחת הסולניים Impatiens Necrotic Spot Virus (INSV)	INSV	In house procedure	---	Based on: Prime ELISA kit	
19	A	P	Solanacea plants	צמחים ממשפחת הסולניים Poty	Poty	In house procedure	---	Based on: Bioreba ELISA kit	
20	A	P	Solanacea plants	צמחים ממשפחת הסולניים Tomato Spotted Wilt Virus (TSWV)	TSWV	In house procedure	---	Based on: Prime ELISA kit	
21	A	P	Tomato plants	צמחי עגבנייה Pepino Mosaic Virus (PepMV)	PepMV	In house procedure	---	Based on: Prime ELISA kit	

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22	A	P	Solanacea plants צמחים ממשפחת הסולניים	Chrysanthemum stunt viroid (CSVd)	CSVd	In house procedure	--- Based on: (5) Natural infections of tomato by Citrus exocortis viroid, Columnea latent viroid, Potato spindle tuber viroid and Tomato chlorotic dwarf viroid. (2004). Verhoeven JTHJ, Jansen CCC, Willemen LFF, Owens RA, Roenhorst JW. European Journal of Plant Pathology 110: 823–831 (6) Development of a real-time RT-PCR assay for the detection of Potato spindle tuber viroid (2004). N. Boonhaman N, Pérez LG, Mendez MS, Peralta EL, Blockley A, Walsh K, Barker I, Mumford RA. Journal of Virological Methods 116: 139–146 (7) Development and inter-laboratory evaluation of real-time PCR assays for the detection of pospiviroids (2012). Monger W, Tomlinson J, Boonham N, Marn MV, Plesko IM, Molinero-Demillyc V, Tassus X, Meekes E, Toonen M, Papayiannis L, Perez-Egusquiza Z, Mehle N, Jansen C, Nielsen S. Journal of Virological Methods 169:207-10 (8) Development and validation of a real-time RT-PCR assay for generic detection of pospiviroids (2013). Botermans M, Van De Vossenber BT, Verhoeven JT, Roenhorst JW, Hooftman M, Dekter R, Meekes ET. Journal of Virological Methods 187(1):43-50 (9) Reference Protocol Naktuinbouw:Real-time RT-PCR (RT TaqMan PCR) for pospiviroids on seeds of tomato (Solanum lycopersicum) by Naktuinbouw, 2014
23	A	P	Solanacea plants צמחים ממשפחת הסולניים	Citrus exocortis viroid (CEVd)	CEVd	In house procedure	--- Based on: 5,6,7,8,9

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Biological Testing, Plant Health, Molecular Methods						בדיקות ביולוגיות, בריאות צמחים, שיטות מולקולריות			
33	A	P	Vitis plants (Grapevine)	גפניים	Grapevine virus A (GVA)	GVA	In house procedure	---	Based on: 10,11
34	A	P	Vitis plants (Grapevine)	גפניים	Grapevine virus B (GVB)	GVB	In house procedure	---	Based on: 10,11
35	A	P	Solanacea plants	צמחים ממשפחת הסולניים	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> (Cmm)	Cmm	In house procedure	---	Based on: Validation report <i>Clavibacter michiganensis michiganensis</i> Ptssk primers and probe, Spiekerman M, Berendson S, Oosterhof J, Zwaan J, (2011)

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Biological Testing, Seed Health, Culture Methods						בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית			
36	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים	Detection and identification of fungi: <i>Alternaria</i> sp.	גילוי וזיהוי פטריה: <i>Alternaria</i> sp.	In house procedure	---	Based on: Recherches Physiologiques, Biologiques et Systematiques (1964) Joly, P. Lechevalier, Paris : VIII, p.13
37	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים	Detection and identification of fungi: <i>Cladosporium</i> sp.	גילוי וזיהוי פטריה: <i>Cladosporium</i> sp.	In house procedure	---	Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 348,679.
38	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים	Detection and identification of fungi: <i>Colletotrichum</i> sp.	גילוי וזיהוי פטריה: <i>Colletotrichum</i> sp.	In house procedure	---	Based on: CMI Description of Pathogenic Fungi and sheets no. 131,315,630 Biology, Pathology Bacteria and Control (2004) Baily, J.A., and Jeger, M.J. p: 19, 368, CABI Publishing.

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			Biological Testing, Seed Health, Culture Methods		בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית		
39	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Fusarium proliferatum</i>	גילוי וזיהוי פטריה: <i>Fusarium proliferatum</i> ,	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
40	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Fusarium oxysporum</i> ,	גילוי וזיהוי פטריה: <i>Fusarium oxysporum</i> ,	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
41	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Fusarium solani</i>	גילוי וזיהוי פטריה: <i>Fusarium solani</i>	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
42	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Lasiodiplodia theobromae</i>	גילוי וזיהוי פטריה: <i>Lasiodiplodia theobromae</i>	In house procedure	--- Based on: CMI Descriptions of Pathogenic Fungi and Bacteria No.519 &(2)
43	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Macrophomina phaseolina</i>	גילוי וזיהוי פטריה: <i>Macrophomina phaseolina</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 275
44	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Phoma</i> sp.	גילוי וזיהוי פטריה: <i>Phoma</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 134,331,333 & (1,2)
45	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Phytophthora</i> sp.	גילוי וזיהוי פטריה: <i>Phytophthora</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no.836
46	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Stemphylium</i> sp.	גילוי וזיהוי פטריה: <i>Stemphylium</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 150 & (1)

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Biological Testing, Seed Health, Culture Methods					בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית		
47	A	P	Compositae seeds: Helianthus annuus, Lactuca sp.	זרעים ממשפחת המורכבים Detection and identification of fungi: <i>Verticillium</i> sp.	גילוי וזיהוי פטריה: <i>Verticillium</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 255 & (1)
48	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Alternaria</i> sp.	גילוי וזיהוי פטריה: <i>Alternaria</i> sp.	In house procedure	--- Based on: Recherches Physiologiques, Biologiques et Systematiques (1964) Joly, P. Lechevalier, Paris: VIII, p.13 & (1)
49	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Cladosporium</i> sp.	גילוי וזיהוי פטריה: <i>Cladosporium</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 348,679. &(1)
50	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Colletotrichum</i> sp.	גילוי וזיהוי פטריה: <i>Colletotrichum</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Sheets no. 131,315,630 Biology, Pathology Bacteria and Control (2004) Baily, J.A., and Jeger, M.J. p: 19, 368, CABI Publishing.& (1)
51	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Didymella</i> sp.	גילוי וזיהוי פטריה: <i>Didymella</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 332 &(1)
52	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Fusarium proliferatum</i>	גילוי וזיהוי פטריה: <i>Fusarium proliferatum</i>	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
53	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Fusarium oxysporum</i>	גילוי וזיהוי פטריה: <i>Fusarium oxysporum</i>	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
54	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Fusarium solani</i>	גילוי וזיהוי פטריה: <i>Fusarium solani</i>	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.

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55	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Phoma</i> sp.	גילוי וזיהוי פטריה: <i>Phoma</i> sp.	In house procedure	Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 134,331,333 ISTA-7-004 Detection of Phoma lingam on Brassica spp. (2002)
56	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Phytophthora</i> sp.	גילוי וזיהוי פטריה: <i>Phytophthora</i> sp.	In house procedure	Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no.836
57	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Stemphylium</i> sp.	גילוי וזיהוי פטריה: <i>Stemphylium</i> sp.	In house procedure	Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 150 &(1)
58	A	P	Crucifera seeds: Brassica sp., Sinapis sp., Raphanus sp., Eruca sp.	זרעים ממשפחת המצליבים Detection and identification of fungi: <i>Verticillium</i> sp.	גילוי וזיהוי פטריה: <i>Verticillium</i> sp.	In house procedure	Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 255 &(1)
59	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Alternaria</i> sp.	גילוי וזיהוי פטריה: <i>Alternaria</i> sp.	In house procedure	Based on: Recherches Physiologiques, Biologiques et Systematiques (1964) Joly, P. Lechevalier, Paris : VIII, p.13 & (1)
60	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Cladosporium</i> sp.	גילוי וזיהוי פטריה: <i>Cladosporium</i> sp.	In house procedure	Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 348,679. & (1)

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות זהה למספר הכתוב בהסמכת מעבדות זו מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הכתוב בהסמכת מעבדות זו



Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No.

110

Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
			משפחת מוצרים: חקלאות, מוצרים חקלאיים				
			בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית				
			Biological Testing, Seed Health, Culture Methods				
61	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Colletotrichum</i> sp.	גילוי וזיהוי פטריה: <i>Colletotrichum</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Sheets No. Biology, 131,315,630, Fungi and Bacteria Pathology and Control (2004) Baily, J.A., and Jeger, M.J. p: 19, 368, CABI Publishing. &(1)
62	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Didymella bryoniae</i>	גילוי וזיהוי פטריה: <i>Didymella bryoniae</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 332
63	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Fusarium proliferatum</i> ,	גילוי וזיהוי פטריה: <i>Fusarium proliferatum</i> ,	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
64	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Fusarium oxysporum</i>	גילוי וזיהוי פטריה: <i>Fusarium oxysporum</i> ,	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
65	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Fusarium solani</i>	גילוי וזיהוי פטריה: <i>Fusarium solani</i>	In house procedure	--- Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.

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

Type of Scopes: A- Fixed, C- flexible

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.

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תעודת המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספרה זהה למספר הנספח והוא מסומן זהה לנספח. The certificate attached is an integral part of the schedule and is numbered identically.

Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No. 110

Schedule of Accreditation

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, Seed Health, Culture Methods				בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית			
66	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Lasiodiplodia theobromae</i>	גילוי וזיהוי פטריה: <i>Lasiodiplodia theobromae</i>	In house procedure	--- based on: CMI Descriptions of Pathogenic Fungi and Bacteria no.519 &(2)
67	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Macrophomina phaseolina</i>	גילוי וזיהוי פטריה: <i>Macrophomina phaseolina</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 275
68	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Phoma</i> sp.	גילוי וזיהוי פטריה: <i>Phoma</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 134,331,333 &(1,2)
69	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Phytophthora</i> sp.	גילוי וזיהוי פטריה: <i>Phytophthora</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no.836
70	A	P	Cucurbitacea seeds: Cucumis melo, Cucumis sativus, Citrullus lanatus, Cucurbita pepo, Lagenaria siceraria	זרעים ממשפחת הדלועיים Detection and identification of fungi: <i>Stemphylium</i> sp.	גילוי וזיהוי פטריה: <i>Stemphylium</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 150 &(1)

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות זהה למספר הנספח והוא מהווה חלק בלתי נפרד ממנו ומספר זה להסמכת מעבדות זהה למספר הנספח והוא מהווה חלק בלתי נפרד ממנו ומספר זה



Schedule of Accreditation

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, Seed Health, Culture Methods				בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית				
79	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Cladosporium</i> sp.	גילוי וזיהוי פטריה: <i>Cladosporium</i> sp.	In house procedure	---	Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 348,679. & (1)
80	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Colletotrichum</i> sp.	גילוי וזיהוי פטריה: <i>Colletotrichum</i> sp.	In house procedure	---	Based on: CMI Description of Pathogenic Fungi and sheets no. 131,315,630 Biology, Pathology Bacteria and Control (2004) Baily, J.A., and Jeger, M.J. p: 19, 368, CABI Publishing.& (1)
81	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Didymella</i> sp.	גילוי וזיהוי פטריה: <i>Didymella</i> sp.	In house procedure	---	Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 332
82	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Fusarium proliferatum</i> ,	גילוי וזיהוי פטריה: <i>Fusarium proliferatum</i> ,	In house procedure	---	Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
83	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Fusarium oxysporum</i> ,	גילוי וזיהוי פטריה: <i>Fusarium oxysporum</i> ,	In house procedure	---	Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
84	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Fusarium solani</i>	גילוי וזיהוי פטריה: <i>Fusarium solani</i>	In house procedure	---	Based on: Laboratory Workshop (2005) Kansas State University, Department of Plant Pathology.
85	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Lasiodiplodia theobromae</i>	גילוי וזיהוי פטריה: <i>Lasiodiplodia theobromae</i>	In house procedure	---	Based on: CMI Descriptions of Pathogenic Fungi and Bacteria No.519 &.(2)

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

Type of Scopes: A- Fixed, C- flexible

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.



Department: Testing Laboratory ISO/IEC 17025;2005

Accreditation No.

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Schedule of Accreditation

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, Seed Health, Culture Methods				בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית			
86	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Macrophomina phaseolina</i>	גילוי וזיהוי פטריה: <i>Macrophomina phaseolina</i>	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 275
87	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Phoma</i> sp.	גילוי וזיהוי פטריה: <i>Phoma</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheets no. 134,331,333 & (1,2)
88	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Phytophthora</i> sp.	גילוי וזיהוי פטריה: <i>Phytophthora</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no.836
89	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Stemphylium</i> sp.	גילוי וזיהוי פטריה: <i>Stemphylium</i> sp.	In house procedure	--- Based on: CMI Description of Pathogenic Fungi and Bacteria sheet no. 150 & (1)
90	A	P	Solanacea seeds: Capsicum sp., Lycopersicon sp., Solanum melongena	זרעים ממשפחת הסולניים Detection and identification of fungi: <i>Verticillium</i> sp.	גילוי וזיהוי פטריה: <i>Verticillium</i> sp.	In house procedure	--- Based on: CMI description of Pathogenic Fungi and Bacteria sheets No. 255 & (1)
91	A	P	Tomato seeds	זרעי עגבנייה <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> 2000 seeds sample	חיידק כיב בקטריאלי 2000 זרעים בדוגמא	In house procedure	--- Based on: LOEWE kit or Agdia kit ISHI Version 2
92	A	P	Tomato seeds	זרעי עגבנייה <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> in 5,000 and 10,000 Seeds sample	חיידק כיב בקטריאלי ב 5,000 ו-10,000 זרעים בדוגמא	In house procedure	--- ISHI method ISHI Version 2 ISHI Version 3 ISHI Version 4 ISHI Version 4.1 ISHI Version 4.2 ISHI Version 4.3

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות

Department: Testing Laboratory ISO/IEC 17025;2005

Accreditation No.

110

Schedule of Accreditation

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, Seed Health, Culture Methods					בדיקות ביולוגיות, בריאות זרעים, שיטות בתרבית
93	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Pseudomonas syringae</i> pv. <i>tomato</i> (Pt)	<i>Pseudomonas syringae</i> pv. <i>tomato</i> (Pt)	In house procedure	---	Based on: (12) A Method for detection of seedborne bacterial diseases in tomato seeds, Krizman G (1991) Phytoparasitica 19:2 & (3,4)
94	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Pseudomonas corrugata</i> (Pc)	<i>Pseudomonas corrugata</i> (Pc)	In house procedure	---	Based on: 3,4,12
95	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Erwinia carotovora</i> sp.	<i>Erwinia carotovora</i> sp.	In house procedure	---	Based on: 3,4,12
96	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Xanthomonas vesicatoria</i>	<i>Xanthomonas vesicatoria</i>	In house procedure	---	Based on: (13) Development of specific hydrolysis probes for real-time PCR identification of <i>Xanthomonas</i> bacterial spot pathogens, Baldwin T, Vilmorin (2013) & 3,4,12
97	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Xanthomonas euvesicatoria</i>	<i>Xanthomonas euvesicatoria</i>	In house procedure	---	Based on: 3,12,13
98	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Xanthomonas perforans</i>	<i>Xanthomonas perforans</i>	In house procedure	---	Based on: 3,12,13
99	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Xanthomonas gardneri</i>	<i>Xanthomonas gardneri</i>	In house procedure	---	Based on: 3,12,13
100	A	P	Solanacea seeds זרעים ממשפחת הסולניים	<i>Ralstonia solanacearum</i>	חיידק הריקבון החום	In house procedure	---	Based on: EPPO procedure EPPO= European and Mediterranean plant protection Organization.

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להספד הזה ומספרה זהה למספר הנספח בתעודה המצורפת לנספח זה מהווה חלק בלתי נפרד ממנו ומספר זה



Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No. 110

Schedule of Accreditation

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, Seed Health, Bioassay				בדיקות ביולוגיות, בריאות זרעים, צמחי בוחן				
101	A	P	Pepper seeds זרעי פלפל	Tobamoviruses ToMV (Tomato Mosaic virus)	ToMV	In house procedure	---	Based on: (14) Seed Health Testing Methods, ISHI-Veg. Reference Manual Method for the Detection of infectious Tobamoviruses on Pepper seed, version 5, January 2013. ISHI-Veg - International Seed Health Initiative for Vegetable Seeds.
102	A	P	Pepper seeds זרעי פלפל	Tobamoviruses PMMoV (Pepper mild mottle tobamoviruses)	PMMoV	In house procedure	---	Based on: 14
103	A	P	Pepper seeds זרעי פלפל	Tobamoviruses TMV (Tobacco Mosaic Virus)	TMV	In house procedure	---	Based on: 14
104	A	P	Tomato seeds זרעי עגבנייה	Tobamoviruses ToMV (Tomato Mosaic virus)	ToMV	In house procedure	---	Based on: 14
105	A	P	Tomato seeds זרעי עגבנייה	Tobamoviruses PMMoV (Pepper mild mottle tobamoviruses)	PMMoV	In house procedure	---	Based on: 14
106	A	P	Tomato seeds זרעי עגבנייה	Tobamoviruses TMV (Tobacco Mosaic Virus)	TMV	In house procedure	---	Based on: 14

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות זהה למספר הנספח



Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No.

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Schedule of Accreditation

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, Seed Health, Immunochemistry					בדיקות ביולוגיות, בריאות זרעים, אימונוכימיה				
107	A	P	Cucurbitacea seeds	זרעים ממשפחת הדלועיים	Cucumber Green Mottle Mosaic Virus (CGMMV)	CGMMV	In house procedure	---	Based on: Prime ELISA kit
108	A	P	Cucurbitacea seeds	זרעים ממשפחת הדלועיים	Cucumber Mosaic Virus (CMV)	CMV	In house procedure	---	Based on: Prime ELISA kit
109	A	P	Cucurbitacea seeds	זרעים ממשפחת הדלועיים	Zucchini Yellow Mosaic Virus (ZYMV)	ZYMV	In house procedure	---	Based on: Loewe ELISA kit
110	A	P	Cucurbitacea seeds	זרעים ממשפחת הדלועיים	Melon Necrotic Spot Carmovirus (MNSV)	MNSV	In house procedure	---	Based on: Loewe ELISA kit
111	A	P	Cucurbitacea seeds	זרעים ממשפחת הדלועיים	Squash Mosaic Virus (SqMV)	SQMV	In house procedure	---	Based on: Prime ELISA kit
112	A	P	Lettuce seeds	זרעי חסה	Lettuce Mosaic Virus (LMV)	LMV	In house procedure	---	Based on: Loewe ELISA kit
113	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Alfalfa Mosaic Virus – (AMV)	AMV	In house procedure	---	Based on: Prime ELISA kit
114	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Cucumber Mosaic Virus (CMV)	CMV	In house procedure	---	Based on: Prime ELISA kit
115	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Impatiens Necrotic Spot Virus (INSV)	INSV	In house procedure	---	Based on: Prime ELISA kit
116	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Poty	Poty	In house procedure	---	Based on: Bioreba ELISA kit
117	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Tomato Spotted Wilt Virus (TSWV)	TSWV	In house procedure	---	Based on: Prime ELISA kit
118	A	P	Tomato seeds	זרעי עגבנייה	Pepino Mosaic Virus (PepMV)	PepMV	In house procedure	---	Based on: Prime ELISA kit

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

Type of Scopes: A- Fixed, C- flexible

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.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות



Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No. 110

Schedule of Accreditation

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, Seed Health, Immunochemistry					בדיקות ביולוגיות, בריאות זרעים, אימונוכימיה				
119	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	<i>Ralstonia solanacearum</i>	חיידק הריקבון החום	In house procedure	---	In House kit

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, Seed Health, Molecular Methods					בדיקות ביולוגיות, בריאות זרעים, שיטות מולקולריות				
120	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Citrus exocortis viroid (CEVd)	CEVd	In house procedure	---	Based on: 9
121	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Columnnea latent viroid (CLVd)	CLVd	In house procedure	---	Based on: 9
122	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Mexican papita viroid (MPVd)	MPVd	In house procedure	---	Based on: 9
123	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Pepper chat fruit viroid (PCFVd)	PCFVd	In house procedure	---	Based on: 9
124	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Potato spindle tuber viroid (PSTVd)	PSTVd	In house procedure	---	Based on: 9
125	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Tomato apical stunt viroid (TASVd)	TASVd	In house procedure	---	Based on: 9
126	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Tomato chlorotic dwarf viroid (TCDVd)	TCDVd	In house procedure	---	Based on: 9
127	A	P	Solanacea seeds	זרעים ממשפחת הסולניים	Tomato planta macho viroid (TPMVd)	TPMVd	In house procedure	---	Based on: 9

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Department: Testing Laboratory ISO/IEC 17025;2005 Accreditation No. 110

Schedule of Accreditation

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
Group of products: Cosmetic				משפחת מוצרים: קוסמטיקה			
Biological Testing, Bacteria, Fungi and Yeast, count, classification and identification				בדיקות ביולוגיות, חיידקים פטריות ושמרים, ספירה, מיון וזיהוי			
131	A	P	Cosmetic products	מוצרי קוסמטיקה Efficacy of antimicrobial preservation	יעילות משמרים אנטימיקרוביאליים	In house procedure	Based on : ISO 11930, USP < 51 > ,EP 5.1.3 USP= U.S. Pharmacopeia EP=European Pharmacopoeia
132	A	P	Cosmetic products	מוצרי קוסמטיקה Microbiological Examination of Non-Sterile Products: tests for specified microorganisms	בדיקה מיקרוביולוגית של מוצרים שאינם מעוקרים : בדיקות למיקרואורגניזמים ספציפיים	In house procedure	Based on: Harmonization of: EPh. 2.6.13, USP <62> Specified microorganisms: <i>Pseudomonas aeruginosa</i> , <i>Salmonella</i> , <i>Staphylococcus aureus</i> , <i>Candida albicans</i> , <i>Bile tolerant gram negative bacteria</i> and <i>E.coli</i>
133	A	P	Cosmetic products	מוצרי קוסמטיקה Microbiology Enumeration and Detection of Aerobic Mesophilic Bacteria.	ספירה מיקרוביאלית וזיהוי של חיידקים מזופיליים אארוביים	In house procedure	Based on : ISO 21149
134	A	P	Cosmetic products	מוצרי קוסמטיקה Microbiology Enumeration of Yeast and mould	ספירה מיקרוביאלית של שמרים ועובשים	In house procedure	Based on : ISO 16212
135	A	P	Non woven fabric	בד לא ארוג Microbiological Examination of Non-Sterile Products: tests for specified microorganisms	בדיקה מיקרוביולוגית של מוצרים שאינם מעוקרים : בדיקות למיקרואורגניזמים ספציפיים	In house procedure	Based on : Harmonization of: EP. 2.6.13, USP <62> Specified microorganisms: <i>Pseudomonas aeruginosa</i> , <i>Salmonella</i> , <i>Staphylococcus aureus</i> , <i>Candida albicans</i> , <i>Bile tolerant gram negative bacteria</i> and <i>E.coli</i>

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