



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

***Herdez, S.A. de C.V.***

***Ave. Industrias No. 3815, Manzana 29, Zona Industrial Ira. Sección  
San Luis Potosí, San Luis Potosí, México. C.P. 78395***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited  
in accordance with the recognized International Standard:*

**ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and the  
operation of a laboratory quality management system  
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

***Chemical and Biological Testing***  
*(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

*Initial Accreditation Date:*

December 28, 2017

*Issue Date:*

March 04, 2020

*Expiration Date:*

March 31, 2022

*Revision Date:*

March 07, 2021

*Accreditation No.:*

92484

*Certificate No.:*

L20-118-R1

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*The validity of this certificate is maintained through ongoing assessments based on a  
continuous accreditation cycle. The validity of this certificate should be  
confirmed through the PJLA website: [www.pjllabs.com](http://www.pjllabs.com)*



# Certificate of Accreditation: Supplement

## Company Name Herdez, S.A. de C.V.

Ave. Industrias No. 3815, Manzana 29, Zona Industrial 1ra. Sección  
San Luis Potosí, San Luis Potosí, México C.P. 78395  
Contact Name: Laura Cruz Castillo Phone: 444-137- 0070

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>FO</sup>	Food	Aflatoxins (B1, G1, B2, G2)	Internal Method Based on: AOAC 991.31 / NOM-188-SSA1	0 µg/kg to 110 µg/kg
		Aflatoxins in Fluid Milk (M1)	Internal Method Based on: AOAC 2000.08	0 µg/L to 540 µg/L
		Pesticide Residues:	Gas Chromatography–Mass Spectrometry (GC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		A-BHC		0.01 mg/kg
		A-Cipermetrina		0.01 mg/kg
		A-Endosulfan (Endosulfan I)		0.01 mg/kg
		Alachlor		0.01 mg/kg
		Aldrin		0.01 mg/kg
		Ametryn		0.01 mg/kg
		Atrazine		0.01 mg/kg
		B- BHC		0.01 mg/kg
		B-Endosulfan (Endosulfan II)		0.01 mg/kg
		Benfluralin		0.01 mg/kg
		Bifenazate		0.01 mg/kg
		Bifenox		0.01 mg/kg
		Bromophos-Methyl		0.01 mg/kg
		Butoxido de Piperonyl		0.01 mg/kg
		Captafol		0.01 mg/kg
		Captan		0.01 mg/kg
		Carbophenothion		0.01 mg/kg
		Chlorbenzilate		0.01 mg/kg
		Chlordane (tech)		0.01 mg/kg
		Chlordimeform		0.01 mg/kg
		Chloroneb		0.01 mg/kg
		Chloropropylate		0.01 mg/kg
		Chlorothalonil		0.01 mg/kg
		Chlorpropham		0.01 mg/kg
		Chlorpyrifos-Methyl		0.01 mg/kg
Chlortiphos	0.01 mg/kg			



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 Contact Name: Laura Cruz Castillo Phone: 444-137-0070

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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Gas Chromatography– Mass Spectrometry (GC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		Clorpirifos Etil (Dursban)		0.01 mg/kg
		Cyanophos		0.01 mg/kg
		Cyfluthrin		0.01 mg/kg
		Cypermethrin		0.01 mg/kg
		Dacthal		0.01 mg/kg
		D BHC		0.01 mg/kg
		Deltamethrin		0.01 mg/kg
		Dialifos		0.01 mg/kg
		Diazinon		0.01 mg/kg
		Dichlobenil		0.01 mg/kg
		Dichlofluanid (Euparen)		0.01 mg/kg
		Dichloran (Botran)		0.01 mg/kg
		Dichlorvos		0.01 mg/kg
		Diclofop-Methyl		0.01 mg/kg
		Dieldrin		0.01 mg/kg
		Difenilamina		0.01 mg/kg
		Dinoseb		0.01 mg/kg
		Diphenamid		0.01 mg/kg
		Endosulfan Sulphate		0.01 mg/kg
		EPN		0.01 mg/kg
		Epoxide of Heptaclorox Isomer A		0.01 mg/kg
		Esfenvalerate		0.01 mg/kg
		Ethalfuralin		0.01 mg/kg
		Ethion		0.01 mg/kg
		Ethoprop		0.01 mg/kg
		Fenhexamid		0.01 mg/kg
		Fenitrothion		0.01 mg/kg
Fenpropathrin	0.01 mg/kg			
Fenson	0.01 mg/kg			
Fenthion	0.01 mg/kg			
Fenvalerate	0.01 mg/kg			



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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Gas Chromatography– Mass Spectrometry (GC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		Fipronil		0.01 mg/kg
		Fluchloralin		0.01 mg/kg
		Folpet		0.01 mg/kg
		Heptachlor		0.01 mg/kg
		Heptenophos		0.01 mg/kg
		Hexachlorobenzene		0.01 mg/kg
		Hexazinone		0.01 mg/kg
		Iprodione		0.01 mg/kg
		Isofenphos		0.01 mg/kg
		L-Cyhalothrin		0.01 mg/kg
		Leptophos		0.01 mg/kg
		Lindane		0.01 mg/kg
		Metalaxyl		0.01 mg/kg
		Methoxychlor		0.01 mg/kg
		Metribuzin		0.01 mg/kg
		Mevinfos		0.01 mg/kg
		Mirex		0.01 mg/kg
		Naled		0.01 mg/kg
		Napropamide		0.01 mg/kg
		OP-DDD		0.01 mg/kg
		OP-DDE		0.01 mg/kg
		OP-DDT		0.01 mg/kg
		OP Dicofol		0.01 mg/kg
		Ovex		0.01 mg/kg
		Oxyfluorfen		0.01 mg/kg
		PP-DDD		0.01 mg/kg
P, P-DDE	0.01 mg/kg			
P, P-DDT	0.01 mg/kg			
Methyl Parathion	0.01 mg/kg			



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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Gas Chromatography– Mass Spectrometry (GC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		Parathion Ethilic		0.01 mg/kg
		Pendimethalin		0.01 mg/kg
		Pentachloroaniline		0.01 mg/kg
		Pentachlorophenol		0.01 mg/kg
		Permetrina		0.01 mg/kg
		Perthane		0.01 mg/kg
		Phosalon		0.01 mg/kg
		Pirimiphos-Methyl		0.01 mg/kg
		Procymidone		0.01 mg/kg
		Profenofos		0.01 mg/kg
		Profluralin		0.01 mg/kg
		Prometryne		0.01 mg/kg
		Promecarb		0.01 mg/kg
		Propanil		0.01 mg/kg
		Propargite		0.01 mg/kg
		Propham		0.01 mg/kg
		Propetamphos		0.01 mg/kg
		Propiconazol (Tilt)		0.01 mg/kg
		Pyrimenthanyl		0.01 mg/kg
		Pyriproxyfen		0.01 mg/kg
		Resmethrin		0.01 mg/kg
		Ronnel		0.01 mg/kg
		Sulfallate		0.01 mg/kg
		Tebuconazole		0.01 mg/kg
		Terrazole		0.01 mg/kg
		Terbacil		0.01 mg/kg
		Terbufos		0.01 mg/kg
		Tetraconazole		0.01 mg/kg
		Tetrachlorinfos		0.01 mg/kg



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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Gas Chromatography– Mass Spectrometry (GC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:	
		Tetradifon		0.01 mg/kg	
		THPI		0.01 mg/kg	
		Triadimefon		0.01 mg/kg	
		Trifluralin		0.01 mg/kg	
		Triflumizole		0.01 mg/kg	
		Vinclozolin		0.01 mg/kg	
		Bifenthrin		0.005 mg/kg	
		Endrin		0.005 mg/kg	
		Malathion		0.005 mg/kg	
		Myclobutanil		0.005 mg/kg	
		3-Hydroxycarbofuran		Liquid Chromatography Mass Spectrometry (LC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		3-Ketocarbofuran			0.01 mg/kg
		Acephate			0.01 mg/kg
		Abamectin	0.01 mg/kg		
		Acetamiprid	0.01 mg/kg		
		Aldicarb	0.01 mg/kg		
		Aldicarb Sulfone	0.01 mg/kg		
		Aldicarb Sulfoxide	0.01 mg/kg		
		Azinphos Ethyl	0.01 mg/kg		
		Azinphos Methyl	0.01 mg/kg		
		Azinphos Methyl Oxon	0.01 mg/kg		
		Baycarb	0.01 mg/kg		
		Baygon (Propoxur)	0.01 mg/kg		
		Benomyl	0.01 mg/kg		
		Bendiocarb	0.01 mg/kg		
		Boscalid	0.01 mg/kg		
		Bromacil	0.01 mg/kg		
		Carbaryl	0.01 mg/kg		
		Carbendazim	0.01 mg/kg		
		Carbetamide	0.01 mg/kg		



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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Liquid	Quantification Limit:
		Carbofuran	Chromatography Mass Spectrometry (LC-MS) Internal Method Based on: AOAC 2007.01	0.01 mg/kg
		Carfentrazone Ethyl		0.01 mg/kg
		Chlorantraniliprole		0.025 mg/kg
		Chlorfenapyr		0.01 mg/kg
		Chlorfenvinphos		0.01 mg/kg
		Ciodrin (crotoxyphos)		0.01 mg/kg
		Chloroxuron		0.01 mg/kg
		Coumaphos		0.01 mg/kg
		Cyanazine		0.01 mg/kg
		Cyprodinil		0.01 mg/kg
		Cyromazine		0.025 mg/kg
		Dasanit (fensulfothion)		0.01 mg/kg
		Demeton S		0.01 mg/kg
		Def 6		0.01 mg/kg
		Diclobutrazol		0.01 mg/kg
		Dicrotophos (bidrin)		0.01 mg/kg
		Difenoconazole		0.01 mg/kg
		Dimepax (Dimethametryn)		0.01 mg/kg
		Dimethachlor		0.01 mg/kg
		Dimethoate		0.01 mg/kg
		Dinotefuran		0.01 mg/kg
		Disulfoton sulfone		0.01 mg/kg
		Edifenphos		0.01 mg/kg
		Epoxiconazole		0.01 mg/kg
		Etaconazole		0.01 mg/kg
		Fenamiphos		0.01 mg/kg
		Fenarimol		0.01 mg/kg
		Fenbuconazole		0.01 mg/kg
		Fenpyroximate		0.01 mg/kg
Flamprop-Methyl	0.01 mg/kg			





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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Liquid Chromatography Mass Spectrometry (LC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		Fluazifop-Butyl		0.01 mg/kg
		Hexythiazox		0.01 mg/kg
		Imazalil		0.01 mg/kg
		Imidacloprid		0.01 mg/kg
		Imidan		0.01 mg/kg
		Isazophos		0.01 mg/kg
		Linuron		0.01 mg/kg
		Malaaxon		0.01 mg/kg
		Merphos		0.01 mg/kg
		Metamidofos (Monitor)		0.01 mg/kg
		Methiocarb		0.01 mg/kg
		Methidathion		0.01 mg/kg
		Metolachor		0.01 mg/kg
		Methomyl		0.01 mg/kg
		Methoprotryne		0.01 mg/kg
		Methoxyfenozide		0.01 mg/kg
		Mexacarbate		0.01 mg/kg
		Monocrotophos		0.01 mg/kg
		Norflurazon		0.01 mg/kg
		Novaluron		0.01 mg/kg
		Omethoate		0.01 mg/kg
		Oxamyl		0.01 mg/kg
		Phorate Sulfoxide		0.01 mg/kg
		Phosphamidon		0.01 mg/kg
		Pirimicarb		0.01 mg/kg
		Pirimiphos-Ethyl		0.01 mg/kg
Pronamide	0.01 mg/kg			
Propamocarb	0.005 mg/kg			
Pyraclostrobin	0.01 mg/kg			
Pyrazophos	0.01 mg/kg			
Pyridaben	0.01 mg/kg			
Quinalphos	0.01 mg/kg			





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Chemical <sup>FO</sup>	Food	Pesticide Residues:	Liquid Chromatography– Mass Spectrometry (LC-MS) Internal Method Based on: AOAC 2007.01	Quantification Limit:
		Quinoxifen		0.01 mg/kg
		Sethoxydim		0.01 mg/kg
		Simetryn		0.01 mg/kg
		Spinosad		0.01 mg/kg
		Sulfoxaflor		0.01 mg/kg
		Sulfoxide		0.01 mg/kg
		Thiabendazole		0.01 mg/kg
		Thiacloprid		0.005 mg/kg
		Thiophanate Methyl		0.025 mg/kg
		Triforine		0.01 mg/kg
		Trimidal		0.01 mg/kg
		Thiobencarb		0.01 mg/kg
		Triazophos		0.01 mg/kg
		Trifloxystrobin		0.01 mg/kg
		Azoxystrobin		Quantification Limit: 0.005 mg/kg
		Thiamethoxam	0.005 mg/kg	
Biological <sup>FO</sup>	Food	Aerobic Mesophilic Bacteria	Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) Internal Method Based on: EPA 6010C	K, Na, Ca: LOQ: 0.5 mg/kg
				Pb, Cd: LOQ: 0.01 mg/kg
				As: LOQ: 0.015 mg/kg
				Hg: LOQ: 0.015 mg/kg
				Cu, Fe, Zn: LOQ: = 0.025 mg/kg
				Se: LOQ: 0.05 mg/kg
				Sn: LOQ: 1 mg/kg
				P, Mg: LOQ: 1.5 mg/kg
				D.L. = < 10 CFU/g or mL



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Biological <sup>FO</sup>	Food	Aerobic Mesophilic Bacteria	Internal Method Based on: AOAC 990.12 NOM-092-SSA1	D.L. = < 10 CFU/g or mL
		Yeast and Molds	Internal Method Based on: NOM-111-SSA1 AOAC 997.02	D.L. = < 10 CFU/g or mL
		Coliforms and E. Coli	Internal Method Based on: AOAC 991.14	D.L. = < 10 CFU/g or mL
		Salmonella QPCR	Internal Method Based on: NF VALIDATION BRD 07/06-07/04	Positive/ Negative
		Salmonella (1-2 Test)	Internal Method Based on: AOAC 989.13	Positive/ Negative
		Salmonella (MiniVIDAS)	Internal Method Based on: AOAC 996.08	Positive/ Negative
		Salmonella (Traditional)	Internal Method Based on: NOM-210-SSA1	Presence /Absence
		Listeria QPCR Monocytogenes	Internal Method Based on: NF VALIDATION BRD 07/10-04/05	Positive/ Negative
		Listeria Monocytogenes (MiniVIDAS)	Internal Method Based on: NF Validation BIO 12/27-02/10	Positive/ Negative
		Staphylococcus aureus (QPCR)	Internal Method Based on: ISO-20838	Positive/ Negative
		Light Strange Material	Internal Method Based on: AOAC 975.49A(b) AOAC 975.49B(b) NOM-247-SSA1 AOAC 972.32 AOAC 978.22 AOAC 992.12 AOAC 972.40A AOAC 975.50 AOAC 981.18 AOAC 968.38 AOAC 969.44 AOAC 955.46 AOAC 985.39	Adimensional LOD: 0.16



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Biological <sup>FO</sup>	Food	Enterobacterias	Internal Method based on: AOAC 2003.01	D.L.= <10 CFU/g or mL
		Total Coliforms	Internal Method Based on: NOM-113-SSA1	D.L.= <10 CFU/g or mL
		Biochemistry Identification	Internal Method Based on: BD-BBL-Crystal	Trust Factor Max= 1
		Acidolactic Bacteria	Internal Method Based on: M0755 AOAC-PTM-041701	D.L.= <10 CFU/g or mL
		Aerobic and Anaerobic Thermophilic and Mesophilic Bacteria	Internal Method Based on: NOM-130-SSA1-1995	Positive/ Negative CFU/g
		Bacillus Cereus	Internal Method Based on: M765	D.L.= <10 CFU/g or mL
Biological <sup>F</sup>		Vibrio Cholerae on Plate	Internal Method Based in: ISO/TS 21872-1	Positive/ Negative
		Vibrio Cholerae by QPCR	Internal Method Based in: ISO/TS 21872-1	Positive/ Negative
		Shigella spp. by QPCR	Internal Method Based in: Provider Manual	Positive/ Negative

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.
2. The presence of a superscript FO means that the laboratory performs testing of the indicated parameter both at its fixed location and onsite at customer locations. Example: Outside Micrometer<sup>FO</sup> would mean that the laboratory performs this testing at its fixed location and onsite at customer locations.