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COA4V1.5	Certificate of Analysis		
Client:	Mechelle Perro	Received Date:	20240325
Contact information:	mdperro@earthlink.net	Report Date:	20240419

Samples:				Test Sample Results:						
Sample ID#	Substance	Sample Region	COA description Lot # and Expiration Date			AMPA (ng/g)	Effective Glyphosate Level (ng/g)			
S11508	Girl Scout Cookies		tagalongs-Crispy cookies layered with peanut butter and covered with a chocolaty coating	L011E29, Exp: Sep 01 2024	32.27	4.68	39.29			
\$11509	Girl Scout Cookies		adventurefuls-Indulgent brownie-inspired cookies with caramel flavored vreme and a hint of sea salt	L219TKI, Exp: Sep 01 2024	9.30	3.95	15.22			
\$11510	Girl Scout Cookies	_	thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	L342T29, Exp: Sep 01 2024	22.86	4.34	29.36			
\$11511	Girl Scout Cookies	Ξ	trefoils-iconic shortbread cookies inspired by the original girl scout recipe	L200T29, Exp: Sep 01 2024	12.26	4.57	19.11			
\$11512	Girl Scout Cookies	alifornia	Samoas-Crisp cookies with caramal, coconut, and dark chocolaty stripes	L004E29, Exp: Sep 01 2024	14.21	2.56	18.05			
\$11513	Girl Scout Cookies	äli	do-si-dos-Oatmeal sandwich cookies with peanut butter filling	L017E29, Exp: Sep 01 2024	31.00	13.14	50.72			
S11514	Girl Scout Cookies	O	Tofee tastic gluteen free-Rich, buttery cookies with sweet, crunchy tofee bits	L354T29, Exp: Sep 01 2024	4.05	Trace	4.05			
\$11515	Girl Scout Cookies		Lemon-UPS-Crispy lemon flavored cookies with inspiring message to lift your spirit	L009E27, Exp: Sep 01 2024	7.65	4.99	15.14			
S11516	Girl Scout Cookies		S'mores-Graham sandwich cookies with chocolaty and marshmallowy flavored filling L202TKH, Exp: Sep 01 20		12.96	Trace	12.96			
S11517	Girl Scout Cookies		adventurefuls-Indulgent brownie-inspired cookies with caramel flavored vreme and a hint of sea salt	353NS,Exp: Sep 01 2024	20.00	2.41	23.62			
S11518	Girl Scout Cookies		peanut butter sandwich-Oatmeal sandwich cookies with peanut butter filling	030NS,Exp: Sep 01 2024	20.23	5.07	27.84			
\$11519	Girl Scout Cookies		thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	023NS,Exp: Sep 01 2024	26.66	3.13	31.36			
S11520	Girl Scout Cookies	owa	trefoils-iconic shortbread cookies inspired by the original girl scout recipe	355NS,Exp: Sep 01 2024 40.34		3.02	44.86			
S11521	Girl Scout Cookies	_6	toast-yay - French toast-inspired cookies dipped in delicious icing	024NS,Exp: Sep 01 2024	19.43	2.88	23.75			
S11522	Girl Scout Cookies		Caramel delites- Crispy cookies topped with caramel, toasted coconut and chocolaty stripes	200,Exp: Sep 01 2024	25.43	2.35	28.95			
S11523	Girl Scout Cookies		Peanut butter patties - crispy cookies layered with peanut butter and covered with a chocolaty coating	270,Exp: Sep 01 2024	11.27	4.74	18.38			
S11524	Girl Scout Cookies		lemonades- savory slices of shoetbread with a refreshingly tangy lemon flavored icing	354NS,Exp: Sep 01 2024	67.98	7.11	78.65			
\$11525	Girl Scout Cookies		trefoils-iconic shortbread cookies inspired by the original girl scout recipe	026NS,Exp: Sep 01 2024	22.73	2.62	26.65			
S11526	Girl Scout Cookies	1	thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	187,Exp: Sep 01 2024	99.41	7.77	111.07			
S11527	Girl Scout Cookies	ā	adventurefuls-Indulgent brownie-inspired cookies with caramel flavored creme and a hint of sea salt	012NS,Exp: Sep 01 2024	16.37	2.73	20.47			
S11528	Girl Scout Cookies	iar	peanut butter sandwich-Oatmeal sandwich cookies with peanut butter filling	315,Exp: Sep 01 2024	56.28	7.33	67.28			
S11529	Girl Scout Cookies	ouisiana	Caramel delites- Crispy cookies topped with caramel, toasted coconut and chocolaty stripes	173,Exp: Sep 01 2024	41.37	2.24	44.74			
S11530	Girl Scout Cookies	Lo	Peanut butter patties - crispy cookies layered with peanut butter and covered with a chocolaty coating	3355HW,Exp: Sep 01 2024	8.70	3.25	13.57			
S11531	Girl Scout Cookies	1	lemonades- savory slices of shoetbread with a refreshingly tangy lemon flavored icing	017NS,Exp: Sep 01 2024	17.50	4.72	24.58			
S11532	Girl Scout Cookies		toast-yay - French toast-inspired cookies dipped in delicious icing	322NS,Exp: Sep 01 2024	40.01	4.15	46.23			

Sample Analysis; Screening and Confirmation of Glyphosate/AMPA Residues by UHPLC-MS-MS, an ISO 17025:2017-Accredited HRI internal Method; TM #8, Glyphosate &

Sample preparation employed a modification of the method described in Chankassem, Narona, Cynthia Morris, and Tiffany Harmon. 2016.

Threat Determination of Glyphosate, Glutioniante, and AMPA in Milk by Liquid Chromatographyllandem Mass Spectrometry:

"Journal of Regulatory Science 3(1): 20-26.

LC-MS/MS analysis employed a modification of the method described in Jensen, Pamela K., Chad E. Wuick, Michelle K. McGuire, and Mark A. McGuire, 2016:

Validation of Reliable and Selective Methods for Direct Determination of Glyphosale and Aminomethylphosphonic Acid in Milk and Unine Using LC-MS/MS."

- Journal of Environmental Science and Health, Part B 51 (4): 254–59. doi:10.1080/03901234.2015.1120919.

 Glyphosate
 LQQ = 0.05
 LOD = 0.02 ppb
 Terms: "Trace" is between LOD and LQQ

 AMPA
 LQQ = 0.05
 LOD = 0.013 ppb
 "Not Detected(ND)" is less than LOD

Analysed and reported on Behalf of Health Research Institute by

Comp Bharate &

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Form No.: FM-018

IS 17025

ISO/IEC 17025:2017 Accreditation # 92657 CA 5TATE ID: 800766 PJLA Testing

Released on Behalf of Health Research Institute by

Dr. John Fagan, Chief Scientist Koom 111, 200 Dimick Drive



Accreditation # 92657 CA STATE ID: 800766 Issue Date: 09/29/2023



Accreditation #92657 LF-Rev: 09/29/2025

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Girls Scout Cookies

California				lowa				Louisiana				
COA descripton	Glyphosa te (ng/g)	AMPA (ng/g)	Effective Glyphosa te Level (ng/g)	COA descripton	Glyphosa te (ng/g)	AMPA (ng/g)	Effective Glyphosa te Level (ng/g)		Glyphosate (ng/g)	AMPA (ng/g)	Effective Glyphosate Level (ng/g)	
tagalongs-Crispy cookies layered with peanut butter and covered with a chocolaty coating	32.27	4.68	39.29	Peanut butter patties - crispy cookies layered with peanut butter and covered with a chocolaty coating	11.27	4.74	18.38	Peanut butter patties - crispy cookies layered with peanut butter and covered with a chocolaty coating	8.70	3.25	13.57	
adventurefuls-Indulgent brownie- inspired cookies with caramel flavored vreme and a hint of sea salt	9.30	3.95	15.22	adventurefuls-Indulgent brownie- inspired cookies with caramel flavored vreme and a hint of sea salt	20.00	2.41	23.62	adventurefuls-Indulgent brownie- inspired cookies with caramel flavored vreme and a hint of sea salt	16.37	2.73	20.47	
thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	22.86	4.34	29.36	thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	26.66	3.13	31.36	thinmints-Crisp, chocolaty cookies made with natural oil of peppermint	99.41	7.77	111.07	
trefoils-Iconic shortbread cookies inspired by the original girl scout recipe	12.26	4.57	19.11	trefoils-Iconic shortbread cookies inspired by the original girl scout recipe	40.34	3.02	44.86	trefoils-Iconic shortbread cookies inspired by the original girl scout recipe	22.73	2.62	26.65	
Samoas-Crisp cookies with caramal, coconut, and dark chocolaty stripes	14.21	2.56	18.05	Caramel delites- Crispy cookies topped with caramel, toasted coconut and chocolaty stripes	25.43	2.35	28.95	Caramel delites- Crispy cookies topped with caramel, toasted coconut and chocolaty stripes	41.37	2.24	44.74	
do-si-dos-Oatmeal sandwich cookies with peanut butter filling	31.00	13.14	50.72	peanut butter sandwich-Oatmeal sandwich cookies with peanut butter filling	20.23	5.07	27.84	peanut butter sandwich-Oatmeal sandwich cookies with peanut butter filling	56.28	7.33	67.28	
Tofee tastic gluteen free-Rich, buttery cookies with sweet,crunchy tofee bits	4.05	Trace	4.05	toast-yay - French toast-inspired cookies dipped in delicious icing	19.43	2.88	23.75	toast-yay - French toast-inspired cookies dipped in delicious icing	40.01	4.15	46.23	
Lemon-UPS-Crispy lemon flavored cookies with inspiring message to lift your spirit	7.65	4.99	15.14	lemonades- savory slices of shoetbread with a refreshingly tangy lemon flavored icing	67.98	7.11	78.65	lemonades- savory slices of shoetbread with a refreshingly tangy lemon flavored icing	17.50	4.72	24.58	
S'mores-Graham sandwich cookies with chocolaty and marshmallowy flavored filling	12.96	Trace	12.96									