eurofins | Food Integrity & Innovation

Report Number: 5214695-0
Report Date: 16-Jan-2026
Report Status: Final

Certificate of Analysis

Charlotte's Web, Inc.

700 Tech Court
Louisville Colorado 80027 United States

Sample Name:	**534204F-Composite**	**Eurofins Sample:**	**16100068**
Project ID	CHARLO_WEB-20260108-0008	**Receipt Date**	09-Jan-2026
PO Number	QC 325	**Receipt Condition**	Ambient temperature
Description	CW Hip and Joint Chew BULK	**Login Date**	08-Jan-2026
	Number ONLY or NA if Not Needed	**Date Started**	09-Jan-2026
		Sampled	Sample results apply as received
		Number Composited	9
		Online Order	901-2026-E001762

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	None detected at detection limit of 0.0004 %
CBDV	0.00430 %
CBDA	<0.00250 %
CBGA	None detected at detection limit of 0.0004 %
CBG	None detected at detection limit of 0.0008 %
CBD	0.0647 %
THCV	None detected at detection limit of 0.0008 %
CBN	None detected at detection limit of 0.0004 %
Delta 9-THC	<0.00250 %
Delta 8-THC	None detected at detection limit of 0.0017 %
THCA	None detected at detection limit of 0.0017 %
CBC	<0.00250 %
THCVA	None detected at detection limit of 0.0004 %
CBNA	None detected at detection limit of 0.0004 %
CBCA	None detected at detection limit of 0.0017 %
CBL	None detected at detection limit of 0.0004 %
Total Cannabinoids	0.0690 %
Total THC (THC + (THCA x 0.877))	<0.00250 %
Total CBD (CBD + (CBDA x 0.877))	0.0647 %
Determination of Glucosamine and Taurine by UPLC with Pre-Column Derivatization - Default	
Glucosamine	31300 mcg/g

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Analysis	Result
Determination of Chondroitin Sulfate by Enzymatic UPLC - Bound *	
Chondroitin disaccharide di-4S sodium salt	7.54 mg/g
Chondroitin disaccharide di-6S sodium salt	1.60 mg/g
Chondroitin disaccharide di-0S sodium salt	<0.050 mg/g
Total Chondroitin Disaccharides	9.14 mg/g
Chondroitin Sulfate A (Equivalent to USP Chondroitin Sulfate Reference Standard)	8.32 mg/g
Chondroitin Sulfate C (Equivalent to USP Chondroitin Sulfate Reference Standard)	1.76 mg/g
Nonsulfate Chondroitin (Equivalent to USP Chondroitin Sulfate Reference Standard)	<0.050 mg/g
Total Chondroitins (Equivalent to USP Chondroitin Sulfate Reference Standard)	10.1 mg/g
Elements by ICP Mass Spectrometry	
Lead	33.5 ppb
Arsenic	156 ppb
Cadmium	14.9 ppb
Mercury	<5.00 ppb
Mycotoxins in Raw Materials	
Aflatoxin B1	<0.500 ppb
Aflatoxin B2	<0.500 ppb
Aflatoxin G1	<0.500 ppb
Aflatoxin G2	<0.500 ppb
Ochratoxin A	<1.00 ppb
Sum of Aflatoxins B1, B2, G1, and G2	<2.00 ppb
Glyphosate and AMPA	
Glyphosate	<100 ng/g
AMPA	<100 ng/g

Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
Category I Residual Solvent or Processing Chemical			
Benzene		<1.0 ppm	
Chloroform		<1.0 ppm	
1,2-Dichloroethane		<1.0 ppm	
Ethylene Oxide		<25.0 ppm	

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Analysis	Limit	Result	Pass/Fail
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices			
Methylene Chloride		<1.0 ppm	
Trichloroethylene		<1.0 ppm	
The BCC limit of 1 ppm for Ethylene Oxide is not achieved by this method. Reporting limit of 25 ppm is the limit recommended by the AOAC CASP. *		-	
Category II Residual Solvent or Processing Chemical			
Acetone		<180 ppm	
Acetonitrile		<180 ppm	
n-Butane		<500 ppm	
Ethanol		<1000 ppm	
Ethyl Acetate		<1000 ppm	
Ethyl Ether		<1000 ppm	
Heptane		<50.0 ppm	
n-Hexane		<30.0 ppm	
Methanol		<1000 ppm	
n-Pentane		<25.0 ppm	
Propane		<1000 ppm	
Isopropyl Alcohol		<1000 ppm	
Toluene		<85.0 ppm	
Xylenes (ortho-, meta-, para-)		<160 ppm	
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42. *		-	
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Abamectin	0.3 mg/kg	<0.30 mg/kg	Pass
Acephate	5 mg/kg	<0.10 mg/kg	Pass
Acequinocyl	4 mg/kg	<1.0 mg/kg	Pass
Acetamiprid	5 mg/kg	<0.10 mg/kg	Pass
Aldicarb	0.1 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Aldicarb sulfone (Aldoxycarb)	0.1 mg/kg	<0.10 mg/kg	Pass
Aldicarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Azoxystrobin	40 mg/kg	<0.10 mg/kg	Pass
Bifenazate	5 mg/kg	<0.10 mg/kg	Pass
Bifenthrin	0.5 mg/kg	<0.10 mg/kg	Pass
Boscalid	10 mg/kg	<0.10 mg/kg	Pass
Captan	5 mg/kg	<0.20 mg/kg	Pass
Carbaryl	0.5 mg/kg	<0.10 mg/kg	Pass
Carbofuran	0.1 mg/kg	<0.10 mg/kg	Pass
Carbofuran-3-hydroxy-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorantraniliprole	40 mg/kg	<0.10 mg/kg	Pass
Chlordane, cis-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlordane, trans-	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorfenapyr	0.1 mg/kg	<0.10 mg/kg	Pass
Chlorpyrifos	0.1 mg/kg	<0.10 mg/kg	Pass
Clofentezine	0.5 mg/kg	<0.10 mg/kg	Pass
Coumaphos	0.1 mg/kg	<0.10 mg/kg	Pass
Cyfluthrin	1 mg/kg	<0.10 mg/kg	Pass
Cypermethrin	1 mg/kg	<0.10 mg/kg	Pass
Diazinon	0.2 mg/kg	<0.10 mg/kg	Pass
Dichlorvos	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethoate	0.1 mg/kg	<0.10 mg/kg	Pass
Dimethomorph	20 mg/kg	<0.10 mg/kg	Pass
Ethoprophos	0.1 mg/kg	<0.10 mg/kg	Pass
Etofenprox	0.1 mg/kg	<0.10 mg/kg	Pass
Etoxazole	1.5 mg/kg	<0.10 mg/kg	Pass
Fenoxycarb	0.1 mg/kg	<0.10 mg/kg	Pass
Fenpyroximate	2 mg/kg	<0.10 mg/kg	Pass
Fipronil	0.1 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Fipronil desulfinyl	0.1 mg/kg	<0.10 mg/kg	Pass
Fipronil sulfone	0.1 mg/kg	<0.10 mg/kg	Pass
Flonicamid	2 mg/kg	<0.10 mg/kg	Pass
Fludioxonil	30 mg/kg	<0.10 mg/kg	Pass
Hexythiazox	2 mg/kg	<0.10 mg/kg	Pass
Imazalil	0.1 mg/kg	<0.10 mg/kg	Pass
Imidacloprid	3 mg/kg	<0.10 mg/kg	Pass
Kresoxim-methyl	1 mg/kg	<0.10 mg/kg	Pass
Malathion	5 mg/kg	<0.10 mg/kg	Pass
Metalaxyl	15 mg/kg	<0.10 mg/kg	Pass
Methiocarb	0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfone	0.1 mg/kg	<0.10 mg/kg	Pass
Methiocarb sulfoxide	0.1 mg/kg	<0.10 mg/kg	Pass
Methomyl	0.1 mg/kg	<0.10 mg/kg	Pass
Mevinphos	0.1 mg/kg	<0.10 mg/kg	Pass
Myclobutanil	9 mg/kg	<0.10 mg/kg	Pass
Naled	0.5 mg/kg	<0.10 mg/kg	Pass
Oxamyl	0.2 mg/kg	<0.10 mg/kg	Pass
Paclobutrazol	0.1 mg/kg	<0.10 mg/kg	Pass
Methyl parathion	0.1 mg/kg	<0.10 mg/kg	Pass
Pentachloroaniline	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzene	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorobenzonitrile	0.2 mg/kg	<0.10 mg/kg	Pass
Pentachlorothioanisole	0.2 mg/kg	<0.10 mg/kg	Pass
Permethrin	20 mg/kg	<0.10 mg/kg	Pass
Phosmet	0.2 mg/kg	<0.10 mg/kg	Pass
Piperonylbutoxide	8 mg/kg	<0.10 mg/kg	Pass
Prallethrin	0.4 mg/kg	<1.0 mg/kg	Pass
Propiconazole (sum of isomers)	20 mg/kg	<0.10 mg/kg	Pass

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Analysis	Limit	Result	Pass/Fail
Multi-Residue Analysis for hemp products - BCC Pesticide List			
Propoxur	0.1 mg/kg	<0.10 mg/kg	Pass
Pyrethrins	1 mg/kg	<1.0 mg/kg	Pass
Pyridaben	3 mg/kg	<0.10 mg/kg	Pass
Pentachloronitrobenzene	0.2 mg/kg	<0.10 mg/kg	Pass
Spinetoram	3 mg/kg	<0.10 mg/kg	Pass
Spinosad	3 mg/kg	<0.10 mg/kg	Pass
Spiromesifen	12 mg/kg	<0.10 mg/kg	Pass
Spirotetramat	13 mg/kg	<0.10 mg/kg	Pass
Spiroxamine	0.1 mg/kg	<0.10 mg/kg	Pass
Tebuconazole	2 mg/kg	<0.10 mg/kg	Pass
Thiacloprid	0.1 mg/kg	<0.10 mg/kg	Pass
Thiamethoxam	4.5 mg/kg	<0.10 mg/kg	Pass
Trifloxystrobin	30 mg/kg	<0.10 mg/kg	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	
Prallethrin reporting limit is higher than BCC action level, but EPA tolerance is 1 ppm.		-	
Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside			
Daminozide	0.1 mg/kg	<0.10 mg/kg	Pass
Fenhexamid	10 mg/kg	<0.10 mg/kg	Pass
The Pass/Fail reporting designations are relative to the limits set forth by the Bureau of Cannabis Control, Title 16, Division 42.		-	

Method References	Testing Location
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA

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Method References	Testing Location
BCC - Residual Solvent Analysis in Cannabis and Hemp Matrices (CANN_SOL_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Internally Developed Method	
Determination of Chondroitin Sulfate by Enzymatic UPLC - Bound (OC_CHENZ_S)	**Food Integrity Innovation-Brea** 2951 Saturn Street, Unit C Brea, CA 92821 USA
J. of AOAC International, v.90 n.3 2007, page 659 (mod.)	
Determination of Glucosamine and Taurine by UPLC with Pre-Column Derivatization - Default (OC_GLTR_S)	**Food Integrity Innovation-Brea** 2951 Saturn Street, Unit C Brea, CA 92821 USA
Internally Developed Method	
Elements by ICP Mass Spectrometry (ICP_MS_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).	
Glyphosate and AMPA (GLY_AMPA_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Internally developed method	
Industrial Hemp Cannabinoid Profile (IHCBD_S)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).	
Multi-Residue Analysis for hemp products - BCC Pesticide List (PEST_HEMP)	**Food Integrity Innovation-Madison** 6304 Ronald Reagan Ave Madison, WI 53704 USA
Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).	
CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method. List of the tested pesticides and their limits of quantification (LOQs) are available upon request.	

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Method References	Testing Location

Multi-Residue Analysis for hemp products - BCC Pesticides Fenhexamid and Daminoside (PEST_HEMP)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, *AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

Testing Location(s)	Released on Behalf of Eurofins by

Food Integrity Innovation-Brea

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375

Marisa Feller - President Eurofins Botanical Testing Brea

2918.07

Food Integrity Innovation-Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

2918.01

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Rapid Microbiology

Eurofins Rapid Microbiology Laboratory (Colorado)

1371 Horizon Avenue
Lafayette, Colorado 80026
+1 720-758-6010
Micro-Colorado@FT.EurofinsUS.com

CW Hemp - 06

Rupa Das
700 Tech Ct
Louisville, CO 80027

ANALYTICAL REPORT

AR-26-EI-000753-01

Client Code: EI0000237
PO#: QC325

Received On: 13Jan2026
Reported On: 19Jan2026
Order Code: 006-10547-2306796

Eurofins Sample Code:	397-2026-01130027	**Sample Registration Date:**	13Jan2026
Client Sample Code:	534204F-C-Composite	**Condition Upon Receipt:**	acceptable, 18.4°C
Sample Description:	CW Hip and Joint Chew 60ct	**Sample Reference:**	

UM4BV - Yeast - FDA BAM Chapter 18 mod.	**Reference** FDA BAM Chapter 18 mod.	**Accreditation**	**Completed** 19Jan2026	**Sub** 1

Parameter	**Result**
Yeast	< 10 cfu/g
Mold	< 10 cfu/g

UM7WD - Aerobic Plate Count - AOAC 966.23	**Reference** AOAC 966.23	**Accreditation**	**Completed** 19Jan2026	**Sub** 1

Parameter	**Result**
Aerobic Plate Count	750 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	**Reference** AOAC-RI 121501	**Accreditation** ISO/IEC 17025:2017 A2LA 3329.11	**Completed** 14Jan2026

Parameter	**Result**
Salmonella spp.	Not Detected per 25 g

UMHBM - Staphylococcus aureus - BAM Chapter 12	**Reference** BAM Chapter 12	**Accreditation**	**Completed** 19Jan2026	**Sub** 1

Parameter	**Result**
Staphylococcus aureus	< 10 cfu/g

ZM3KP - Coliforms - AOAC 991.14	**Reference** AOAC 991.14	**Accreditation**	**Completed** 19Jan2026	**Sub** 1

Parameter	**Result**
Total Coliforms	< 10 cfu/g
E. coli	< 10 cfu/g

Subcontracting partners:
1 - Eurofins Rapid Microbiology Laboratory (DesMoines), Iowa

CW Hemp - 06

Rupa Das
700 Tech Ct
Louisville, CO 80027

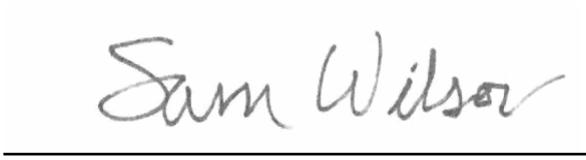
ANALYTICAL REPORT

AR-26-EI-000753-01

Client Code: EI0000237
PO#: QC325

Received On: 13Jan2026
Reported On: 19Jan2026
Order Code: 006-10547-2306796

Respectfully Submitted,



Samuel Wilson
Regional Business Unit Cluster Manager

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | A number or a √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon

PRODUCT NAME: Hip + Joint Chew 60ct

BATCH NUMBER: 534204F-C **EXPIRATION DATE:** 06/27

PARAMETER		SPECIFICATION	TESTING METHOD	PASS	BY/DATE
Odor		Conforms	Organoleptic Inspection	YES ⊘ NO ○ N/A ○	034 16 JAN 25 NAH
Visual	Color	Conforms	Organoleptic Inspection	YES ⊘ NO ○ N/A ○	034 16 JAN 25 NAH
	Shape	Conforms	Organoleptic Inspection	YES ⊘ NO ○ N/A ○	034 16 JAN 25 NAH
	Uniformity	Conforms	Organoleptic Inspection	YES ○ NO ○ N/A ⊘	034 16 JAN 25 NAH
	Foreign Material	Free	Organoleptic Inspection	YES ⊘ NO ○ N/A ○	034 16 JAN 25 NAH
Texture		Smooth	Organoleptic Inspection	YES ○ NO ○ N/A ⊘	034 16 JAN 25 NAH
Taste		Conforms	Organoleptic Inspection	YES ○ NO ○ N/A ⊘	034 16 JAN 25 NAH

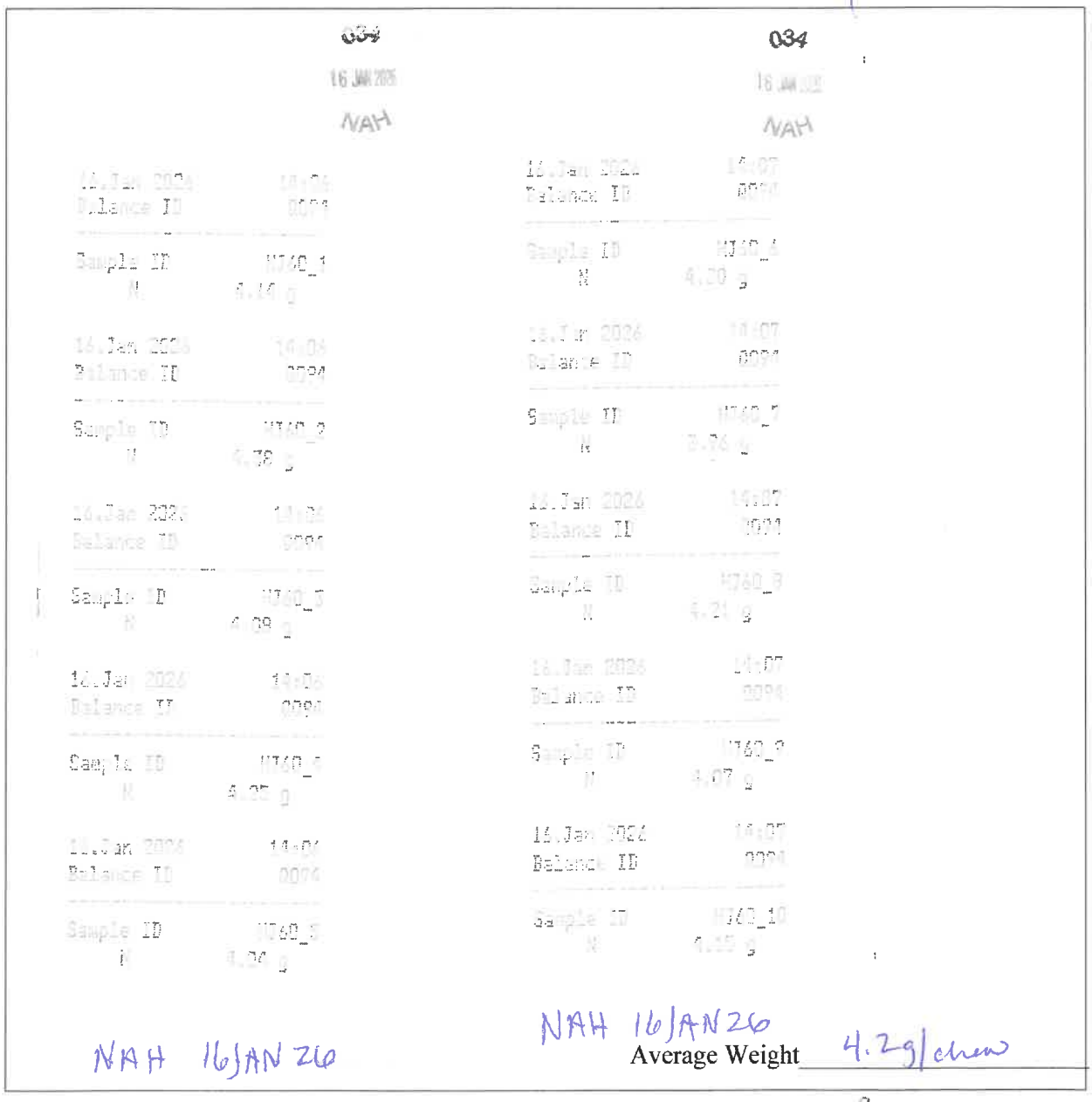
034 16 JAN 25 NAH 035 16 JAN 25

PERFORMED BY/DATE: NAH **REVIEWED BY/DATE:** ADS

Product Name Hip + Joint chew 60ct

Batch Number: 534204 F-C

Expiration Date 06/27



Average Weight 4.2g/chew

Performed By/Date: 034 16 JAN NAH

Reviewed By/Date: ADS