



# Certificate of Analysis

Report: Gas Chromatography - Mass Spectrometry Report Date: 01/01/2023 Page 1 of 3

## Sample Information

Sample Received:

Detailed Request:

Assortment:

Sku No:

Style No:

Factory/Supplier:

Quantity Submitted:

## Results

Quantify Compound Summary Report MassLynx V4.2 SCN1004 Page 1 of 1

Datas et: Untitled

Last Monday, February 27, 2023 09:41:06 Pacific Standard Time  
 Altered: Monday, February 27, 2023 09:41:13 Pacific Standard Time  
 Printed:

Method: C:\Beyond Plastic Project\BP TRAIN.PRO\MethDB\AA Sample Calcualtions 08232022.mdb 19 Sep 2022 07:52:46  
 Calibration: C:\Beyond Plastic Project\BP TRAIN.PRO\CurveDB\AA Curve 12-19-2022.cdb 19 Dec 2022 13:15:13

Compound name: Acetaldehyde  
 Coefficient of Determination:  $R^2 = 0.999278$   
 Calibration curve:  $63.7734 * x^2 + 1793 * x + -73.2403$   
 Response type: External Std, Area  
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	# Name	Type	Std. Conc	RT	Area	Response	ppm	%Dev	Acq.Date	Cal.Date	Cal.File
1	111-14-2023 2	Ana lyte		2.37	1675.928	1675.928	0.9		14-Nov-22	19/ Dec/2 2	AA Curv...
2	211-14-2023 3	Ana lyte		2.37	1587.375	1587.375	0.9		14-Nov-22	19/ Dec/2 2	AA Curv...
3	311-14-2023 4	Ana lyte		2.37	1657.590	1657.590	0.9		14-Nov-22	19/ Dec/2 2	AA Curv...





Quantify Sample Summary Report

MassLynx V4.2 SCN1004

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Name: 11-14-2023 2, Date: 14-Nov-2022, Time: 11:18:41, ID: AA Powder 1, Description: Zen WTR AA Test Nov022023 (0.200) V1

	# Name	Trace	RT	Area	IS Area	Response Primar...	ppm	%Dev
1	1 Acetaldehyde	TIC	2.37	1675.928		1675.928 bb	0.9	

Name: 11-14-2023 3, Date: 14-Nov-2022, Time: 12:29:45, ID: AA Powder 2, Description: Zen WTR AA Test Nov022023 (0.200) V2

	# Name	Trace	RT	Area	IS Area	Response Primar...	ppm	%Dev
1	1 Acetaldehyde	TIC	2.37	1587.375		1587.375 bb	0.9	

Name: 11-14-2023 4, Date: 14-Nov-2022, Time: 13:31:12, ID: AA Powder 3, Description: Zen WTR AA Test Nov022023 (0.200) V3

	# Name	Trace	RT	Area	IS Area	Response Primar...	ppm	%Dev
1	1 Acetaldehyde	TIC	2.37	1657.590		1657.590 bb	0.9	





Quantify Calibration Report MassLynx V4.2 SCN1004

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Compound name: Acetaldehyde

Coefficient of Determination:  $R^2 = 0.999278$

Calibration curve:  $63.7734 * x^2 + 1793 * x + -73.2403$

Response type: External Std, Area

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

