

CERTIFICATE OF ANALYSIS

CALIBRATION STANDARD

FOR THE SHERLOCK MICROBIAL IDENTIFICATION SYSTEM

Part Number: 1200-A

Lot Number: 814070

Manufacturing Date: 04 July 2018

Expiration Date: 01 July 2025

Date of Analysis 23 July 2018

10:0 2OH 2.13 ($\geq 2.00\%$)

14:0 3OH 1.04 ($\geq 1.00\%$)

16:0 2OH 2.07 ($\geq 2.00\%$)

Peak Matching Error (RMS) 0.0008 (< 0.0040)

Similarity Index (RTSB50) 0.999 (> 0.995)

Sherlock Version 6.3; ChemStation B.04.03 on s/n 112345

Person performing certification analysis: Rob Hoesterey

Copy of chromatographic analysis attached.

This document certifies that the Microbial Identification System Calibration Standards for the Lot Number above meets or exceeds the standards established by MIDI, Inc., Standard Operating Procedure 37, for this mixture.


William Stimson
QA/Compliance Manager
MIDI, Inc.

Volume: DATA

File: E187235.02C

Samp Ctr: 2

ID Number: 1

Type: Calib

Bottle: 94

Method: QC1200

Created: 7/23/2018 12:11:19 PM

Created By: robh (Robert Hoesterey)

Sample ID: QC1200A-LOT-814070 (A1)

RT	Response	Ar/Ht	RFact	ECL	Peak Name	Percent	Comment1	Comment2
0.6916	3396	0.006	----	6.5848		----	< min rt	
0.7106	5.426E+8	0.012	----	6.7173	SOLVENT PEAK	----	< min rt	
0.7594	1469	0.011	----	7.0573		----	< min rt	
1.0384	60046	0.009	1.194	9.0000	9:0	5.09		
1.1470	2559	0.009	----	9.7558		----		
1.1820	126623	0.008	1.133	10.0000	10:0	10.19	Peak match 0.0001	
1.3656	66253	0.008	1.083	11.0000	11:0	5.09	Peak match 0.0011	
1.4056	27959	0.008	1.075	11.1787	10:0 2OH	2.13	Peak match -0.0025	
1.4660	13316	0.008	1.063	11.4485	10:0 3OH	1.01	Peak match 0.0004	
1.4900	1705	0.008	----	11.5554		----		
1.5896	138241	0.008	1.042	12.0000	12:0	10.23	Peak match 0.0005	
1.8486	70998	0.008	1.010	13.0000	13:0	5.09	Peak match 0.0000	
1.9351	1016	0.009	----	13.3021		----		
2.1349	145417	0.008	0.985	14.0000	14:0	10.17	Peak match 0.0000	
2.4154	849	0.010	----	14.9235		----		
2.4386	74196	0.008	0.966	15.0000	15:0	5.09	Peak match 0.0000	
2.5116	30463	0.009	0.963	15.2329	14:0 2OH	2.08	Peak match 0.0008	
2.6001	15211	0.009	0.959	15.5155	14:0 3OH	1.04	Peak match -0.0005	
2.7519	149596	0.009	0.953	16.0000	16:0	10.12	Peak match -0.0003	
2.8995	734	0.010	----	16.4693		----		
3.0665	76014	0.009	0.944	17.0000	17:0	5.10	Peak match 0.0001	
3.1495	30898	0.009	0.943	17.2658	16:0 2OH	2.07	Peak match -0.0003	
3.3787	153945	0.009	0.939	18.0000	18:0	10.26	Peak match 0.0006	
3.6848	76606	0.009	0.936	19.0000	19:0	5.09	Peak match 0.0001	
3.8147	744	0.011	----	19.4337		----		
3.9844	153145	0.009	0.934	20.0000	20:0	10.16		
4.2292	972	0.011	----	20.8173		----		
4.2733	384	0.010	----	20.9644		----	< min response	

Total Response: 1416535

Total Named: 1408927

Percent Named: 99.46%

Total Amount: 1408492

Profile Comment: Good peak matching. Peak position matching error (RMS) is 0.0008.

Matches:

Library	Sim Index	Entry Name
QC1300 1.00	0.999	MIDI Calibration Mix

