Simulator Station Use Log

TLC 6/28/12

Lot Number 12-71-100	DMT Serial No	123006									
Concentration 0.100 Cal	NIST Temp	34.2									
Simulator Serial Number VT1	Average	Cal	Powered out			6/21/12	des				
Date Opened 5/18/12	Date	5/18/12									
Expiration Date 4/17/13	Initial	✓									

TLC 6/28/12

Lot Number 12-39-100	DMT Serial No	123006	~~103809~~ 103509	122306	103809	102606	104509	104509	102606		102606
Concentration 0.100 Cal Check	NIST Temp	34.2	34.0	N/A training	N/A training	SIN 101439556 34.0	SIN 101439556 34.0	33.9	~~Powered out~~		33.9
Simulator Serial Number VT2	Average	0.100	0.100	0.099	0.099	0.099	0.099	0.100 6/29/12		6/29/12	0.098
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/22/12	6/25/12	6/28/12	6/28/12	6/29/12			6/29/12
Expiration Date 11/18/12	Initial	des	✓	✓	✓	des/RD	des/RD	des/RD			des

Powered out 6/29/12

TLC 6/28/12

Lot Number Gauth 11250	DMT Serial No	123006	103809	102606	104509						
Concentration 0.10 Cal Check	NIST Temp	34.0	33.9	33.8	33.8						
Simulator Serial Number VT3	Average	0.099	0.097	0.097	0.096	0.005	Powered out				
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/28/12	6/28/12		6/29/12 des				
Expiration Date 12/6/13	Initial	des	des	des/RD	des/RD						

TLC 6/28/12

Lot Number 12-78-020	DMT Serial No	123006	103809	104509	102606	100149	102806	103206	121706	121706	121706
Concentration 0.019 (0.09)	NIST Temp	34.2	34.1	34.0	34.0	34.2	34.0	34.0	34.0	TEMP ERROR	34.0
Simulator Serial Number VT5	Average	0.019	0.019	0.019	Aborted	0.019	0.019	0.019	0.019	0.	0.018
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/29/12	6/29/12	7/2/12	7/26/12	7/27/12	7/27/12	7/30/12	7/30/12
Expiration Date 5/8/13	Initial	des	des	des	des/RD	des	RD	RD	RD	RD	RD

Powered out 7/30/12

Simulator Solution Use Log

TLC 6/28/12

Lot Number 12-74-080	DMT Serial No	123006	103809	104509	102606	100144	102806	103206	121706	121706	102806
Concentration 0.079	NIST Temp	34.2	34.0	34.0	34.0	34.2	33.9	34.0	34.0	34.0	34.0
Simulator Serial Number VT4	Average	0.080	0.080	0.078	Aborted	0.079	0.078	0.078	0.077	0.076	0.077
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/29/12	6/29/12	7/2/12	7/26/12	7/27/12	7/27/12	7/30/12	7/30/12
Expiration Date 4/27/13	Initial	AEB	AEB	AEB	AEB/RD	AEB	RD	RD	RD	RD	RD

TLC 6/28/12

Lot Number 12-53-160	DMT Serial No	123006	103809	104509	102606	100144	102806	103206	121706	121706	102806
Concentration 0.160	NIST Temp	34.2	34.0	34.0	34.0	34.2	34.0	34.1	34.0	34.0	34.0
Simulator Serial Number G7688	Average	0.161	0.161	0.159	Aborted	0.159	0.160	0.158	0.155	0.154	0.158
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/29/12	6/29/12	7/2/12	7/26/12	7/27/12	7/27/12	7/30/12	7/30/12
Expiration Date 1/23/13	Initial	AEB	AEB	AEB	AEB/RD	AEB	RD	RD	RD	RD	RD

TLC 6/28/12

Lot Number 12-62-400	DMT Serial No	123006	103809	104509	102606	100144	102806	103206	121706	121706	102806
Concentration 0.404	NIST Temp	34.1	33.9	33.9	33.9	34.1	33.9	33.9	33.9	33.9	33.9
Simulator Serial Number G7147	Average	0.401	0.397	0.394	Aborted	0.395	0.396	0.394	0.384	0.384	0.392
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/29/12	6/29/12	7/2/12	7/26/12	7/27/12	7/27/12	7/30/12	7/30/12
Expiration Date 2/16/13	Initial	AEB	AEB	AEB	AEB/RD	AEB	RD	RD	RD	RD	RD

TLC 6/28/12

Lot Number 12-75-08A1	DMT Serial No	123006	103206								
Concentration 0.079 EtOH 0.01 Acetone	NIST Temp	WOULD NOT Repeat Int Det									
Simulator Serial Number G7158	Average		Alleys 2+3 0.005. on both units Solution dumped								
Date Opened 5/18/12	Date	5/18/12	5/18/12								
Expiration Date 4/27/13	Initial	AEB	AEB								

Passed QT 7/30/12 RD

Passed QT 7/30/12 RD

Passed QT 7/30/12 RD

TLC 6/28/12 Lot Number	12-76-08A1	DMT Serial No	103206	123006							
Concentration	.079 EtOH .01 Ace	NIST Temp	Did not repeat int. det. solution								
Simulator Serial Number	G7158	Average	tested on 2 units. Poured out								
Date Opened	5/18/12	Date	5/18/12	5/18/12							
Expiration Date	4/27/13	Initial	AES	AES							

TLC 6/28/12 Lot Number	12-79-08A1	DMT Serial No	123006	103809	104503	104509	102606	100144	102806	103206	121706	102806
Concentration	.079 EtOH - .01 Ace	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.2	34.0	33.9	34.0	34.0
Simulator Serial Number	G7158	Average	Int. Det	Int Det	100% Int Det				INT. DET.	INT. DET.	INT DET	INT DET.
Date Opened	5/18/12	Date	5/18/12	6/21/12	6/28/12	6/29/12	6/29/12	7/2/12	7/26/12	7/27/12	8/1/12	8/3/12
Expiration Date	4/27/13	Initial	AES	AES	AES	AES	AES/RD	AES	RD	RD	RD	RD

TLC 6/28/12 Lot Number	12-71-100	DMT Serial No	103809	102606	104509	104509						
Concentration	0.100 Cal	NIST Temp	34.0	34.0	34.0	34.0						
Simulator Serial Number	VT1	Average	Cal	Cal	Cal	Cal	Poured out 6/29/12					
Date Opened	6/21/12	Date	6/21/12	6/28/12	6/28/12	6/28/12						
Expiration Date	4/17/13	Initial	AES	AES/RD	AES/RD	AES/RD						

TLC 5/9/2012 Lot Number	12-71-100	DMT Serial No	104509	102606	102606	100144						
Concentration	0.100 Cal	NIST Temp	~~34.0~~ 34.2	~~34.0~~ 34.2 6/28/12	N/A	34.2	Poured out 7/26/12 RD					
Simulator Serial Number	VT1	Average	Cal	Cal	Cal	Cal						
Date Opened	6/29/12	Date	6/29/12	6/29/12	7/2/12	7/2/12						
Expiration Date	~~7/6/12~~ 4/17/13 TLC 5/9/12	Initial		AES		AES						

Continued on Pg. 9 dtd 9/19/12

Simulator Solution Use Log

TLC 8/9/12

Lot Number Guth 11250	DMT Serial No	104509	102606	100144	102806	121706 DID NOT RUN RCD	103206	121706			
Concentration 0.10	NIST Temp	33.9	33.9	~~34.2~~ 34.0	33.8	33.9	33.9	33.9			
Simulator Serial Number VT3	Average	0.099	0.097	0.098	.098		.097	0.96	→ Poured out 7/27/12		
Date Opened ~~6~~ 6/29/12	Date	6/29/12	6/29/12	7/2/12	7/26/12	~~7/26/12~~	7/27/12	7/27/12			
Expiration Date 12/6/13	Initial	~~AB~~/RD	AB/RD	AB	RCD	~~RCD~~	RD	RD			

TLC 8/9/12

Lot Number 12-39-100	DMT Serial No	(9) 100144	102806	121706	103206	121706	121706	102806	122406		
Concentration 0.100	NIST Temp	34.2	34.0	34.0	34.0	34.0	34.0	34.0	34.0		
Simulator Serial Number VT2	Average	0.099	0.098	FAIL (Filter wheel)	0.098	0.097	0.097	0.097	0.097	Poured out 8/9/12	
Date Opened 5/18/12 see B1	Date	7/2/12	7/26/12	7/26/12	7/27/12	7/27/12	8/2/12	8/2/12	8/7/12		
Expiration Date ~~11~~ 18/12	Initial	AB	RCD	RCD	RCD	RCD	RCD	RCD	RCD		

TLC 8/9/12

Lot Number 12-71-100	DMT Serial No	102806	121706	121706	103206	121706					
Concentration 0.100	NIST Temp	33.9	33.9	33.9	34.0	33.9	Poured Out 8/2/12 RCD				
Simulator Serial Number VT1	Average	Cal	Cal	CAL	CAL	CAL					
Date Opened 7/26/12	Date	7/26/12	7/26/12	7/26/12	7/27/12	7/27/12					
Expiration Date ~~8/2/12~~ 4/17/13 RD	Initial	RCD	RCD	RCD	RCD	RD					

TLC 8/9/12

Lot Number Guth 11250	DMT Serial No	121706	121706	102806	102806	100162					
Concentration 0.10	NIST Temp	34.1	34.0	34.0	34.0	34.0					
Simulator Serial Number ~~VT~~ G4861	Average	~~0.099~~ RD	0.098	0.100	0.100	0.093	Poured out 10/15/12				
Date Opened 7/27/12	Date	7/27/12	8/2/12	8/2/12	8/9/12	10/15/12					
Expiration Date 12/6/13	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 8/9/12

Lot Number 12-78-020	DMT Serial No	102806 RCD	121706	102806	102806	121706	121706	121706	102806	102806	102806
Concentration 0.019	NIST Temp	34.0	34.1	34.1	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Simulator Serial Number VT5	Average	0.019	0.018	0.019	0.018	0.018	0.017	0.019	0.019	0.020	0.020
Date Opened 7/30/12	Date	7/31/12	7/30/12	7/30/12	7/31/12	7/31/12	7/31/12	8/2/12	8/3/12	8/3/12	8/3/12
Expiration Date 5/0/13 [illegible] RCD	Initial	RCD	RCD	RCD	RCD	RCD	RCD	[illegible]	RCD	RCD	RCD

Poured out 8/3/12 RCD

TLC 8/9/12

Lot Number 12-57-080	DMT Serial No	121706	102806	102806	121706	121706	121706	102806	102806	102806	102806
Concentration 0.080	NIST Temp	34.0	34.0	34.0	34.0	34.0	33.9	34.0	34.0	34.0	34.0
Simulator Serial Number VT4	Average	0.079	0.080	INT DET.	0.079	0.079	0.078	0.079	0.079	0.079	0.080
Date Opened 7/30/12	Date	7/30/12	7/30/12	7/31/12	7/31/12	7/31/12	8/2/12	8/3/12	8/3/12	8/3/12	8/8/12
Expiration Date 1/31/13	Initial	RCD	RCD	RCD	RCD	RCD	[illegible]	RCD	RCD	RCD	RCD

Poured out 8/8/12 RCD

TLC 8/9/12

Lot Number 12-60-160	DMT Serial No	121706	102806	102806	121706	121706	121706	102806	102806	102806	102806
Concentration 0.162	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.1	34.0	34.0	34.0	34.1
Simulator Serial Number G7688	Average	0.159	Interference	0.163	0.158	0.158	0.158	0.160	0.161	0.161	0.161
Date Opened 7/30/12	Date	7/30/12	7/30/12	7/30/12	7/31/12	7/31/12	8/2/12	8/3/12	8/3/12	8/3/12	8/8/12
Expiration Date 2/13/13	Initial	RCD	RCD	RCD	RCD	RCD	[illegible]	RCD	RCD	RCD	RCD

Poured out 8/8/12 RCD

TLC 8/9/12

Lot Number 12-82-400	DMT Serial No	121706	102806	121706	121706	121706	102806	102806	102806	102806	102806
Concentration 0.399	NIST Temp	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
Simulator Serial Number G7147	Average	0.398	0.405	0.396	0.396	0.393	0.399	0.399	0.398	0.399	0.399
Date Opened 7/30/12	Date	7/30/12	7/30/12	7/31/12	7/31/12	8/2/12	8/3/12	8/3/12	8/3/12	8/8/12	8/9/12
Expiration Date 7/10/13	Initial	RCD	RCD	RCD	RCD	[illegible]	RCD	RCD	RCD	RCD	RCD

Poured out 8/9/12 RCD

TLC 8/9/12

Lot Number 12-55-040M	DMT Serial No	121706	102806								
Concentration .04 MeOH / H_2O	NIST Temp	33.9	33.9								
Simulator Serial Number VT6	Average	INT DET.	INT DET 100%	Poured out 12/17/12 RCD							
Date Opened 7/31/12	Date	8/1/12	8/3/12								
Expiration Date 1/31/13	Initial	RCD	RCD								

TLC 8/9/12

Lot Number 12-56-040I	DMT Serial No	121706	102806								
Concentration .04 IPA / H_2O	NIST Temp	33.9	33.9	Poured Out 12/17/12 RCD							
Simulator Serial Number G7683	Average	INT. DET.	INT DET 100%								
Date Opened 7/31/12	Date	8/1/12	8/3/12								
Expiration Date 1/31/13	Initial	RCD	RCD								

TLC 8/9/12

Lot Number 12-49-040A1	DMT Serial No	121706	121706	121706	102806						
Concentration .01 Acet. / .04 EtOH	NIST Temp	33.9	33.9	33.9	33.9	Poured Out 12/17/12 RCD					
Simulator Serial Number G9156	Average	10% INT DET	50% INT DET	50% INT DET	INT 100% DET						
Date Opened 7/31/12	Date	8/1/12	8/1/12	8/1/12	8/3/12						
Expiration Date 1/4/13	Initial	RCD	RCD	RCD	RCD						

TLC 8/9/12

Lot Number 12-49-040A2	DMT Serial No	121706	102806								
Concentration .02% Acet. / .04% EtOH	NIST Temp	33.9	33.9		Poured Out 12/17/12 RCD						
Simulator Serial Number G6344	Average	INT DET.	100% INT DET.								
Date Opened 7/31/12	Date	8/1/12	8/3/12								
Expiration Date 1/4/13	Initial	RCD	RCD								

TLC 8/9/12

Lot Number 12-63-080M	DMT Serial No	121706	102806									
Concentration .04% MeOH/.08% EtOH	NIST Temp	33.8	33.9									
Simulator Serial Number G4860	Average	INT DET.	10% INT DET.		Poured Out							
Date Opened 7/31/12	Date	8/1/12	8/3/12		12/17/12 RCD							
Expiration Date 2/16/13	Initial	RCD	RCD									

TLC 8/9/12

Lot Number 12-63-080I	DMT Serial No	121706	102806									
Concentration .04% IPA .08% EtOH	NIST Temp	34.0	34.0									
Simulator Serial Number G7159	Average	INT DET	INT 10% DET		Poured out 12/17/12 RCD							
Date Opened 7/31/12	Date	8/1/12	8/3/12									
Expiration Date 2/16/13	Initial	RCD	RCD									

TLC 8/9/12

Lot Number 12-71-100	DMT Serial No	102806										
Concentration 0.100	NIST Temp	33.9										
Simulator Serial Number VT1	Average	CAL	Poured									
Date Opened 8/2/12	Date	8/2/12		Out 10/15/12 RCD								
Expiration Date 4/17/13	Initial	RCD										

TLC 8/9/12

Lot Number 12-78-020	DMT Serial No	102806	102806	102806	102606							
Concentration 0.019	NIST Temp	34.1	34.1	34.1	34.0							
Simulator Serial Number VT5	Average	0.018	0.018	0.018	0.016		Poured Out 9/19/12 RCD					
Date Opened 8/3/12	Date	8/8/12	8/9/12	8/9/12	9/19/12							
Expiration Date 5/8/13	Initial	RCD	RCD	TLC	RCD							

TLC 8/9/12

Lot Number 12-63-080	DMT Serial No	102806	102806	102606	100162	100162					
Concentration 0.081	NIST Temp	34.0	34.0	34.0	34.0	34.0					
Simulator Serial Number VT4	Average	0.081	0.081	0.078	0.077	0.077	Poured out		12/17/12	RCD	
Date Opened 8/8/12	Date	8/9/12	8/9/12	9/19/12	10/15/12	10/16/12					
Expiration Date 2/16/13	Initial	RCD	TLC	RCD	RCD	RCD					

TLC 8/9/12

Lot Number 12-83-160	DMT Serial No	102806	102806	102606	100162	100162					
Concentration 0.157	NIST Temp	34.0	34.0	34.0	34.0	34.1					
Simulator Serial Number G7688	Average	0.163	0.162	0.159	RCD 10/15/12 0.157	0.156	Poured out		12/17/12	RCD	
Date Opened 8/8/12	Date	8/9/12	8/9/12	9/19/12	10/15/12	10/16/12					
Expiration Date 7/10/13	Initial	RCD	TLC	RCD	RCD	RCD					

TLC 8/9/12

Lot Number 12-61-100	DMT Serial No	102806	100162	100162							
Concentration 0.101	NIST Temp	34.0	34.0	33.9							
Simulator Serial Number VT2	Average	0.101	0.098	0.098		Poured out	12/17/12	RCD			
Date Opened 8/9/12	Date	8/9/12	10/15/12	10/16/12							
Expiration Date 2/16/13	Initial	RCD	RCD	RCD							

TLC 8/9/12

Lot Number 12-82-400	DMT Serial No	102806	102606	100162	100162						
Concentration 0.399	NIST Temp	33.9	33.9	33.9	33.9						
Simulator Serial Number G7147	Average	0.404	0.394	0.389	0.389	Poured out	12/17/12	RCD			
Date Opened 8/9/12	Date	8/9/12	9/19/12	10/15/12	10/16/12						
Expiration Date 7/10/13	Initial	TLC	RCD	RCD	RCD						

TLC 12/7/12

Lot Number 12-79-08A1	DMT Serial No	102606									
Concentration .079 EtOH .01 Ace	NIST Temp	33.9									
Simulator Serial Number G7158	Average	N/A	Poured out 9/19/12 RCD								
Date Opened 5/18/12	Date	9/19/12									
Expiration Date 4/27/13	Initial	RCD									

TLC 12/4/12

Lot Number 12-78-020	DMT Serial No	102606	100162	100162							
Concentration 0.019	NIST Temp	34.0	34.0	34.0							
Simulator Serial Number VT5	Average	0.020	0.019	0.019		Poured out 12/17/12 RCD					
Date Opened 9/19/12	Date	9/19/12	10/15/12	10/16/12							
Expiration Date 5/8/13	Initial	RCD	RCD	RCD							

TLC 12/4/12

Lot Number 12-81-081A1	DMT Serial No	102606	100162								
Concentration 0.079 EtOH .01 Ace	NIST Temp	34.0	34.0								
Simulator Serial Number G7158	Average	INVS DETECTED	/		Poured out 10/15/12						
Date Opened 9/19/12	Date	9/19/12	10/15/12								
Expiration Date 7/10/13	Initial	RCD	RCD								

TLC 12/4/12

Lot Number 12-71-100	DMT Serial No	100162	100162								
Concentration 0.100	NIST Temp	34.0	34.0								
Simulator Serial Number VT1	Average	CAL	CAL		Poured out 12/17/12 RCD						
Date Opened 10/15/12	Date	10/15/12	10/16/12								
Expiration Date 4/17/13	Initial	RCD	RCD								

TLC 12/4/12 — RCD 12/18/12

Lot Number: Guth 11250	DMT Serial No	100162	100162	104709	100156						
Concentration: 0.10	NIST Temp	34.1	34.0	34.1	34.0						
Simulator Serial Number: G9407	Average	0.099	0.099		0.094	Poured out 12/21/12 RCD					
Date Opened: 10/15/12	Date	10/15/12	10/16/12	12/18/12	12/21/12						
Expiration Date: 12/6/13	Initial	RCD	RCD	RCD	RCD						

TLC 12/4/12

Lot Number: ~~12-76-05A1~~ 12-81-05A1 RCD	DMT Serial No	100162	100156								
Concentration: ~~.08~~ .079 RCD EtOH + .01A	NIST Temp	34.0	34.0								
Simulator Serial Number: G7158	Average	INT DET.	INT DET.	Poured out 2/4/13 RCD							
Date Opened: 10/15/12 ~~12/4/12~~ TLC 7/10/13	Date	10/16/12	10/24/12								
Expiration Date: ~~4/27/13~~	Initial	RCD	RCD								

TLC 1/15/2013

Lot Number: 12-71-100	DMT Serial No	104709	100156	100156							
Concentration: 0.100	NIST Temp	34.0	34.0	33.9							
Simulator Serial Number: VT1	Average	CAL	CAL	CAL	Poured out 2/4/13 RCD						
Date Opened: 12/17/12	Date	12/18/12	12/21/12	12/24/12							
Expiration Date: 4/17/13	Initial	RCD	RCD	RCD							

TLC 1/15/2013

Lot Number: 12-61-100	DMT Serial No	104709	100156	100156							
Concentration: 0.101	NIST Temp	34.0	34.0	33.9	Poured out 7/17/13 RCD						
Simulator Serial Number: VT2	Average	INT DET.	0.100	0.101							
Date Opened: 12/17/12	Date	12/18/12	12/21/12	12/24/12							
Expiration Date: 2/16/13	Initial	RCD	RCD	RCD							

LGX 1/15/2013

Lot Number 12-78-020	DMT Serial No	100156	100161								
Concentration 0.019	NIST Temp	34.0	34.1								
Simulator Serial Number VT 5	Average	0.018	0.017	Poured out 4/1/13							
Date Opened 12/17/12	Date	12/24/12	2/4/13								
Expiration Date 5/8/13	Initial	RCD	RCD								

TLC 1/15/2013

Lot Number 12-74-080	DMT Serial No	100156	100161								
Concentration 0.079	NIST Temp	34.0	34.0								
Simulator Serial Number VT 4	Average	0.080	0.078	Poured Out 4/1/13							
Date Opened 12/17/12	Date	12/24/12	2/4/13								
Expiration Date 4/27/13	Initial	RCD	RCD								

TLC 1/15/2013

Lot Number 12-83-160	DMT Serial No	100156	100161								
Concentration 0.157	NIST Temp	34.0	34.0								
Simulator Serial Number G7688	Average	0.163	0.159	Poured out	4/1/13						
Date Opened 12/17/12	Date	12/24/12	2/4/13								
Expiration Date 7/10/13	Initial	RCD	RCD								

TLC 1/15/2013

Lot Number 12-82-400	DMT Serial No	100156	100161								
Concentration 0.399	NIST Temp	33.9	33.9								
Simulator Serial Number G7147	Average	0.405	0.393	Poured	out	4/1/13					
Date Opened 12/17/12	Date	12/24/12	2/4/13								
Expiration Date 7/10/13	Initial	RCD	RCD								

TLC 1/15/2013

Lot Number 12-63-080M	DMT Serial No	~~33.9~~ 104709									
Concentration .08: EtOH / .04 MeOH	NIST Temp	33.9									
Simulator Serial Number G4860	Average	INF DET.		Poured out		4/1/13					
Date Opened 12/19/12	Date	12/19/12									
Expiration Date 2/16/13	Initial	ROD									

TLC 1/15/2013

Lot Number 12-63-0801	DMT Serial No	104709									
Concentration .08: EtOH / .04 IPA	NIST Temp	33.9									
Simulator Serial Number G6344	Average	INF DET.		Poured out 4/1/13							
Date Opened 12/19/12	Date	12/19/12									
Expiration Date 2/16/13	Initial	ROD									

TLC 1/15/2013

Lot Number Guth 1125D	DMT Serial No	100156	100156	100161							
Concentration 0.10	NIST Temp	34.0	34.0	34.0							
Simulator Serial Number G9407	Average	0.100	0.101	0.097		Poured	Out 4/1/13				
Date Opened 12/21/12	Date	12/21/12	12/24/12	2/4/13							
Expiration Date 12/6/13	Initial	ROD	ROD	ROD							

TLC 2/11/13

Lot Number 12-71-100	DMT Serial No	100161									
Concentration 0.100	NIST Temp	33.9									
Simulator Serial Number VT1	Average	CAL		Poured out 4/1/13							
Date Opened 2/4/13	Date	2/4/13									
Expiration Date 4/17/13	Initial	ROD									

TLC 2/4/2013

Lot Number 12-75-08A1	DMT Serial No	100161									
Concentration 0.079 EtoH / .01 Ace	NIST Temp	34.0									
Simulator Serial Number G7158	Average	INT.	Bad lot.								
Date Opened 2/4/13	Date	2/4/13	Poured out RCD 2/4/13								
Expiration Date 4/27/13	Initial	RCD									

TLC 2/4/13

Lot Number 12-85-08A1	DMT Serial No	100161	100161	104709							
Concentration .08 EtoH + .01 Ace	NIST Temp	34.0	34.0	34.0							
Simulator Serial Number G7158	Average	INT DET.	INT DET.	INT DET.		Poured out 5/29/13 RCD					
Date Opened 2/4/13	Date	2/4/13	2/4/13	4/2/13							
Expiration Date 10/31/13	Initial	RCD	RCD	RCD							

TLC 5/2/2013

Lot Number OHIO 12070	DMT Serial No	104709	300396								
Concentration 0.101	NIST Temp	34.0	34.0								
Simulator Serial Number G9407	Average	0.098	0.094		Poured out 5/29/13 RCD						
Date Opened 4/1/13	Date	4/1/13	5/29/13								
Expiration Date 4/9/13	Initial	RCD	RCD								

TLC 5/2/2013

Lot Number 12-71-100	DMT Serial No	104709	3 RCD 5/29/13								
Concentration 0.100	NIST Temp	34.0		Poured out RCD 5/29/13							
Simulator Serial Number VTI	Average	CAL									
Date Opened 4/1/13	Date	4/1/13									
Expiration Date 4/17/13	Initial	RCD									

NIST Thermometer S/N 111814522

TLC 5/2/13

Lot Number 12-78-020	DMT Serial No	104709	300386								
Concentration 0.019	NIST Temp	34.0	34.0								
Simulator Serial Number VT5	Average	0.019	0.019		Poured out 5/29/13 RCD						
Date Opened 4/1/13	Date	4/2/13	5/29/13								
Expiration Date 5/8/13	Initial	RCD	RCD								

TLC 5/2/13

Lot Number 12-74-080	DMT Serial No	104709	300386								
Concentration 0.079	NIST Temp	34.0	34.0								
Simulator Serial Number VT4	Average	0.079	0.076		Poured out 5/30/13 RCD						
Date Opened 4/1/13	Date	4/2/13	5/29/13								
Expiration Date 4/27/13	Initial	RCD	RCD								

TLC 5/2/13

Lot Number 12-83-160	DMT Serial No	104709	300386	300386	300386	300386	300386	300386	102506	102506	
Concentration 0.157	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	Poured out 7/2/13 RCD
Simulator Serial Number G7688	Average	0.159	0.155	0.155	.154	.153	.153	0.152	.154	.153	
Date Opened 4/1/13	Date	4/2/13	5/29/13	5/30/13	6/10/13	6/13/13	6/18/13	6/24/13	6/27/13	7/2/13	
Expiration Date 7/10/13	Initial	RCD	RCD	RCD	RCD	RCD	RCD	ALB	RCD	RCD	

TLC 5/2/13

Lot Number 12-82-400	DMT Serial No	104709	300386	300386	300386	300386	300386	300386	300386		
Concentration 0.399	NIST Temp	33.9	33.9	33.9	33.9	33.9	33.9	33.8	33.8	Poured out 6/26/13 RCD	
Simulator Serial Number G7147	Average	0.395	0.383	0.383	.381	.391	.380	0.377	0.380		
Date Opened 4/1/13	Date	4/2/13	5/29/13	5/30/13	6/10/13	6/13/13	6/18/13	6/24/13	6/24/13		
Expiration Date 7/10/13	Initial	RCD	RCD	RCD	RCD	RCD	RCD	ALB	ALB		

NIST Thermometer S/N 111814522

Simulator Solution Use Log

TLC 6/26/13 Lot Number 13-02-100	DMT Serial No	300386									
Concentration 0.098	NIST Temp	33.9									
Simulator Serial Number VT 1	Average	CAL	poured out 6/26/13 RCD								
Date Opened 5/29/13	Date	5/29/13									
Expiration Date 3/25/14	Initial	RCD									

TLC 6/26/13 Lot Number OHIO 12220	DMT Serial No	300386	300386	102506							
Concentration 0.101	NIST Temp	34.0	34.0	34.0							
Simulator Serial Number G9407	Average	0.098	.098	.097		Poured out 6/ RCD					
Date Opened 5/29/13	Date	5/29/13	6/25/13	6/27/13		7/1/13 RCD					
Expiration Date 11/20/13	Initial	RCD	RCD	RCD							

TLC 6/26/13 Lot Number 12-85-08A1	DMT Serial No	300386	300386	102506	102506	300387		300387	103509		
Concentration 0.001 EtOH .01 ACE	NIST Temp	34.0	34.0	34.0	34.0	34.0		34.0	34.0	poured	
Simulator Serial Number G7158	Average	INT. DET	INT 100% Det.	INT DET	INT DET	INT DET.		INT. 90% DET.	NOT Detected	OUT	
Date Opened 5/29/13	Date	5/29/13	6/18/13	6/27/13	7/2/13	7/11/13 ~~7/10/13~~	~~RCD 7/11/13~~	7/17/13	7/29/13	7/29/13	
Expiration Date 10/31/13	Initial	RCD	RCD	RCD	RCD	RCD		RCD	RCD		

TLC 6/26/13 Lot Number 13-07-020	DMT Serial No	300386	300386	300386	300386	300386	102506				
Concentration 0.020	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.0				
Simulator Serial Number VT 5	Average	0.018	0.018	0.018	0.018	0.018	0.017	Poured out		6/27/13 RCD	
Date Opened 5/29/30	Date	5/30/13	6/10/13	6/13/13	6/18/13	6/29/13	6/27/13				
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD	AB	RCD				

NIST Thermometer S/N 111814527 RCD

TLC 6/20/13

Lot Number 13-05-080	DMT Serial No	300386	300386	300386	300386	300386	102506	102506	300387	300387	300387
Concentration 0.080	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.0	34.0	33.9	33.9	33.9
Simulator Serial Number VT4	Average	0.077	0.077	0.078	0.077	0.077	076	.076	0.076	0.077	0.076
Date Opened 5/30/13	Date	5/30/13	6/10/13	6/13/13	6/18/13	6/24/13	6/27/13	7/2/13	7/10/13 RCD	7/11/13	7/16/13
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD		RCD	RCD	RCD	RCD	RCD

Moved on 7/16/13

TLC 6/20/13

Lot Number 12-85-08A1	DMT Serial No	300386										
Concentration .01 Acet. .08 EtOH	NIST Temp	34.0										
Simulator Serial Number G7158	Average			See page 15 RCD 6/18/13								
Date Opened 5/29/13	Date	6/18/13										
Expiration Date 10/31/13	Initial	RCD										

TLC 6/20/13

Lot Number 13-08-040M	DMT Serial No	300386	300387									
Concentration .04 MeOH in H_2O	NIST Temp	33.9	33.9		Poured out 9/23/13 RCD							
Simulator Serial Number VT6	Average	Int 100% Det	INT DET 100%									
Date Opened 6/13/13	Date	6/18/13	7/18/13									
Expiration Date 5/17/14	Initial	RCD	RCD									

TLC 6/20/13

Lot Number 13-09-040I	DMT Serial No	300386	300387									
Concentration .04 IPA in H_2O	NIST Temp	33.9	33.9		Poured out 9/23/13 RCD							
Simulator Serial Number G7683	Average	Int Det 100%	INT DET 100%									
Date Opened 6/13/13	Date	6/18/13	7/12/13									
Expiration Date 5/17/14	Initial	RCD	RCD									

NIST Thermometer S/N 111814522 RCD

TLC 6/20/13

Lot Number 13-06-04A1	DMT Serial No	300386	104709								
Concentration .04 AcH .04 EtOH	NIST Temp	33.9	33.9								
Simulator Serial Number G9156	Average	~~33.9~~ .039	.039		Poured out 6/24/13 RCD						
Date Opened 6/13/13	Date	6/18/13	6/19/13								
Expiration Date 5/10/14	Initial	RCD	RCD								

TLC 6/20/13

Lot Number 13-10-04A2	DMT Serial No	300386	300387								
Concentration .02 AcH .04 EtOH	NIST Temp	33.9	33.9								
Simulator Serial Number G6344	Average	INT DET 100%	INT DET 100%		Poured out 9/23/13 RCD						
Date Opened 6/13/13	Date	6/18/13	7/24/13								
Expiration Date 5/24/14	Initial	RCD	~~RCD~~ RCD								

TLC 6/20/13

Lot Number 13-05-08M4	DMT Serial No	300386	104709								
Concentration .04 MeOH .08 EtOH	NIST Temp	33.8	33.9								
Simulator Serial Number G4860	Average	.077	.078		Poured out 6/29/13 RCD						
Date Opened 6/13/13	Date	6/18/13	6/19/13								
Expiration Date 5/10/14	Initial	RCD	RCD								

TLC 6/20/13 05 RCD

Lot Number 13-08-08T4	DMT Serial No	300386	300387								
Concentration .04 IPA .08 EtOH	NIST Temp	33.9°	33.9°								
Simulator Serial Number G7446	Average	INT DET 100%	INT DET 100%		Poured Out 9/23/13 RCD						
Date Opened 6/13/13	Date	6/18/13	7/24/13								
Expiration Date 5/10/14	Initial	RCD	~~RCD~~ RCD								

NIST Thermometer S/N 111814522 RCD

TLC 6/20/13

Lot Number 13-06-04A1	DMT Serial No	300386	300387								
Concentration .01 Acet. .04 EtOH	NIST Temp	33.9	33.9								
Simulator Serial Number G4156	Average	INT DET 100%	INT DET 100%		Poured Out 9/23/13 RCD						
Date Opened 6/24/13	Date	6/24/13	7/24/13								
Expiration Date 5/10/2014	Initial	RCD	RCD								

TLC 6/20/13

Lot Number 13-05-08M4	DMT Serial No	300386	300387								
Concentration .04 MeOH .08 EtOH	NIST Temp	33.8°	33.8								
Simulator Serial Number G4860	Average	INT DET 100%	INT DET 100%		Poured Out 9/23/13 RCD						
Date Opened 6/24/13	Date	6/24/13	7/24/13								
Expiration Date 5/10/14	Initial	RCD	RCD								

TLC 7/2/13

Lot Number 12-86-400	DMT Serial No	102506	102506	300387							
Concentration 0.409	NIST Temp	33.9	33.9	~~33.8~~ 33.9 RCD 7/2/13		Poured out 7/10/13					
Simulator Serial Number G7147	Average	.393	.394	~~.388~~							
Date Opened 6/26/13	Date	6/27/13	7/2/13	7/8/13							
Expiration Date 10/31/13	Initial	RCD	RCD	RCD							

TLC 7/2/13

Lot Number 13-02-100	DMT Serial No	102506	102506								
Concentration 0.098	NIST Temp	34.0	34.0								
Simulator Serial Number VT1	Average	CAL	CAL		Poured out 7/8/13						
Date Opened 6/26/13	Date	6/27/13	7/2/13								
Expiration Date 3/25/14	Initial	RCD	RCD								

NIST Thermometer SN 111814522 RCD

Simulator Solution Use Log

TLC 7/2/13

Lot Number 13-07-020	DMT Serial No	102506	102506	300387	300387	300387	300387	300387	300387	300387	300387
Concentration 0.020	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Simulator Serial Number VT 5	Average	0.019	0.019	0.020	.021	.021	0.021	0.021	.023	.021	0.019
Date Opened 6/27/13	Date	6/27/13	7/2/13	7/10/13	7/11/13	7/11/13	7/12/13	7/12/13	7/17/13	7/17/13	7/24/13
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD	RCD	[illegible]	[illegible]	RCD	RCD	RCD

Continued on pg. 21 RCD

TLC 7/2/13

Lot Number OHIO 12220	DMT Serial No	102506	102506	102506	300387	300387					
Concentration .101	NIST Temp	34.0	34.0	34.0	34.0	34.0					
Simulator Serial Number G9407	Average	0.097	0.097	0.098	.097	.097		Poured out			
Date Opened 7/1/13	Date	7/1/13	7/1/13	7/2/13	7/9/13	7/9/13			7/9/13	RCD	
Expiration Date 11/20/13	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 8/5/13

Lot Number 13-02-100	DMT Serial No	300386	300387			on 7/24/13					
Concentration 0.098	NIST Temp	33.9	33.9								
Simulator Serial Number VT 1	Average	CAL	CAL	Poured out 7/30/13 RCD							
Date Opened 7/8/13 RCD	Date	7/9/13	7/10/13								
Expiration Date 3/25/14	Initial	RCD	RCD								

TLC 8/5/13

Lot Number 12-83-160	DMT Serial No	300387	300387	300387	300387	300387	300387	300387	300387	103509	100147
Concentration 0.157	NIST Temp	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Simulator Serial Number G7688	Average	0.157	0.158	0.158	0.158	0.157	0.156	0.157	0.156	0.156	.155
Date Opened 7/8/13	Date	7/10/13	7/11/13	7/11/13	7/12/13	7/12/13	7/17/13	7/24/13	7/24/13	7/24/13	8/6/13
Expiration Date 7/10/13	Initial	RCD	RCD	RCD	[illegible]	[illegible]	RCD	RCD	RCD	RCD	RCD

Poured out 10/21/13 RCD

NIST Thermometer S/N 111814522 RCD

TLC 8/5/13

Lot Number OHIO 12220	DMT Serial No	300387	300387	300387	103509						
Concentration .101	NIST Temp	34.0	34.0	34.0	34.0						
Simulator Serial Number G9407	Average	.098	.099	0.098	.098	Poured out 8/6/13 RCD					
Date Opened 7/9/13	Date	7/9/13	7/10/13	7/24/13	7/29/13						
Expiration Date 11/20/13	Initial	RZM/ RCD	RZM/ RCD	RZM/ RCD	RCD						

TLC 8/5/13

Lot Number 12-86-400	DMT Serial No	300387	300387	100147	300387	300387	300387	300387	300387	300387	300387
Concentration 0.409	NIST Temp	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
Simulator Serial Number G7147	Average	.388	.387	.400	.389	.389	0.387	0.388	0.386	0.388	0.385
Date Opened 7/10/13	Date	7/10/13	7/10/13	7/10/13	7/11/13	7/11/13	7/12/13	7/12/13	7/12/13	7/12/13	7/17/13
Expiration Date 10/31/13	Initial	RZM/ RCD	RZM/ RCD	RCD	RZM/ RCD	RZM/ RCD	DMB/RZM	RZM/ DMB	RZM/ DMB	RZM/ DMB	RZM/ RCD

Poured out 7/17/13 RCD

TLC 8/5/13

Lot Number 13-05-080	DMT Serial No	300387	300387	300387	300387	300387	103509	100147			
Concentration 0.080	NIST Temp	33.9	33.9	34.0	34.0	34.0	34.0	34.0			RCD
Simulator Serial Number VT4	Average	0.078	0.078	0.078	0.077	0.077	0.077	0.076	Poured out	10/21/13	
Date Opened 7/11/13	Date	7/12/13	7/12/13	7/17/13	7/24/13	7/24/13	7/29/13	8/6/13			
Expiration Date 5/10/14	Initial	RZM/ DMB	RZM/ DMB	RZM/ RCD	RZM/ RCD	RZM/ RCD	RCD	RCD			

TLC 8/5/13

Lot Number 13-14-400	DMT Serial No	300387	300387	103509	100147						
Concentration 0.399	NIST Temp	33.9	33.9	33.9	33.9						
Simulator Serial Number G7147	Average	0.390	0.390	0.389	0.387	Poured out	voluntis RCD				
Date Opened 7/24/13	Date	7/24/13	7/24/13	7/29/13	8/6/13						
Expiration Date 7/17/14	Initial	RZM/ RCD	RZM/ RCD	RCD	RCD						

TLC 8/5/13

Lot Number 13-07-020	DMT Serial No	302387	103509	100147								
Concentration 0.020	NIST Temp	34.0	34.0	34.0								
Simulator Serial Number VT5	Average	0.020	0.019	0.019	Poured out	10/21/13 RCD						
Date Opened 6/27/13	Date	7/24/13	7/29/13	8/6/13								
Expiration Date 5/10/14	Initial	RCD	RCD	RCD								

TLC 8/5/13

Lot Number 13-02-100	DMT Serial No	103509										
Concentration 0.098	NIST Temp	34.0										
Simulator Serial Number VT1	Average	CAL .942709		Poured out 8/6/13 RCD								
Date Opened 7/24/13	Date	7/29/13										
Expiration Date 3/25/14	Initial	RCD										

TLC 8/5/13

Lot Number 12-85-08A1	DMT Serial No	103509	100147	102906								
Concentration .081 Etch .01 Ace	NIST Temp	34.0	34.0	34.2		Poured out 10/21/13 RCD						
Simulator Serial Number G7158	Average	INT DET.	INT. DET.	NOT Detected								
Date Opened 7/29/13	Date	7/29/13	8/6/13	10/21/13								
Expiration Date 10/31/13	Initial	RCD	RCD	RCD								

TLC 8/7/13

Lot Number 13-02-100	DMT Serial No	100147										
Concentration 0.098	NIST Temp	34.0										
Simulator Serial Number VT1	Average	CAL	Poured out	10/21/13 RCD								
Date Opened 8/6/13	Date	8/6/13										
Expiration Date 3/25/14	Initial	RCD										

TLC 8/7/13

Lot Number OHIO 12220	DMT Serial No	100147	102906								
Concentration 0.101	NIST Temp	34.0	34.2								
Simulator Serial Number G9407	Average	.098	.097	Poured out	10/21/13 RCD						
Date Opened 8/6/13	Date	8/6/13	10/21/13								
Expiration Date 11/20/13	Initial	RCD	RCD								

TLC 10/22/13

Lot Number 13-02-100	DMT Serial No	102906	102906	102906							
Concentration 0.098	NIST Temp	34.1	34.1	34.1							
Simulator Serial Number VT1	Average	CAL	CAL	CAL	Poured out						
Date Opened 10/21/13	Date	10/21/13	10/21/13	10/22/13	10/20/13 RCD						
Expiration Date 3/25/14	Initial	RCD	RCD	RCD							

TLC 10/22/13

Lot Number 13-07-020	DMT Serial No	102906	102906	102906	121506	104509					
Concentration 0.020	NIST Temp	34.0	34.0	34.0	34.1	34.0					
Simulator Serial Number VT5	Average	0.019	0.019	0.019	0.018	0.018					
Date Opened 10/21/13	Date	10/21/13	10/22/13	10/22/13	10/29/13	11/6/13					
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 10/22/13

Lot Number 13-05-080	DMT Serial No	102906	102906	102906	121506	104509					
Concentration 0.080	NIST Temp	34.0	33.9	33.9	34.0	34.0					
Simulator Serial Number VT4	Average	0.078	0.077	.076	.076	0.076					
Date Opened 10/21/13	Date	10/21/13	10/22/13	10/22/13	10/29/13	11/6/13					
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 10/22/13

Lot Number 13-11-160	DMT Serial No	102906	102906	102906	121506	104509					
Concentration 0.160	NIST Temp	34.0	33.9	33.9	33.9	33.9					
Simulator Serial Number G7688	Average	0.157	0.155	0.155	0.154	0.153					
Date Opened ~~5/30/14~~ 10/21/13 RCD 10/21/13	Date	10/21/13	10/22/13	10/22/13	10/29/13	11/6/13					
Expiration Date 5/30/14	Initial	RCD	RCD 10/22/13	RCD	RCD	RCD					

TLC 10/22/13

Lot Number 13-14-400	DMT Serial No	102906	102906	102906	121506	104509					
Concentration 0.399	NIST Temp	34.0	34.0	34.0	34.0	34.0					
Simulator Serial Number G7147	Average	.394	0.391	0.389	0.386	0.386					
Date Opened 10/21/13	Date	10/21/13	10/22/13	10/22/13	10/29/13	11/6/13					
Expiration Date 7/17/14	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 10/22/13

Lot Number ~~OHIO~~ RCD 10/21/13 Guth 13100	DMT Serial No	102906	102906	102906	121506	104509					
Concentration .100	NIST Temp	34.2	34.2	34.2	34.2	34.2					
Simulator Serial Number G9407	Average	0.099	0.098	0.098	0.098	0.096	Poured out 11/6/13 RCD				
Date Opened 10/21/13	Date	10/21/13	10/21/13	10/22/13	10/29/13	11/6/13					
Expiration Date 4/23/15	Initial	RCD	RCD	RCD	RCD	RCD					

TLC 10/22/13

Lot Number 12-85-08A1	DMT Serial No	102906	102906	102906							
Concentration .01 ACR 08 EtOH	NIST Temp	34.2	34.2	34.2	Poured	RCD					
Simulator Serial Number G7158	Average	NOT DET	30%	NOT DET ~~Poured~~	out 10/22/13						
Date Opened 10/21/13	Date	10/21/13	10/22/13	10/22/13							
Expiration Date 10/31/13	Initial	RCD	RCD	RCD							

TLC 10/22/13

Lot Number 13-05-08A1	DMT Serial No	102906	102906	121506	104509						
Concentration .08 EtOH .01 Ace.	NIST Temp	34.2	34.2	34.2	34.2						
Simulator Serial Number G7158	Average	INT DET	INT DET	INT DET.	INT DET						
Date Opened 10/22/13	Date	10/22/13	10/22/13	10/29/13	11/6/13						
Expiration Date 5/10/14	Initial	RCD	RCD	RCD	RCD						

TLC 10/29/13

Lot Number 13-02-100	DMT Serial No	121506									
Concentration 0.098	NIST Temp	34.1									
Simulator Serial Number VT 1	Average	CAL	Poured out 11/6/13 RCD								
Date Opened 10/29/13	Date	10/29/13									
Expiration Date 3/25/14	Initial	RCD									

TLC 11/7/13

Lot Number 13-02-100	DMT Serial No	104509									
Concentration 0.098	NIST Temp	34.1									
Simulator Serial Number VT1	Average	CAL									
Date Opened 11/6/13	Date	11/6/13									
Expiration Date 3/25/14	Initial	RCD									

TLC 11/7/13

Lot Number Guth 13100	DMT Serial No	104509									
Concentration 0.100	NIST Temp	34.2									
Simulator Serial Number G9407	Average	.097									
Date Opened 11/6/13	Date	11/6/13									
Expiration Date 4/23/15	Initial	RCD									