Simulator Solution 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 VT.1	Average	Cal	Poured out			6/21/12		AeB			
Date Opened 5/18/12	Date	5/18/12									
Expiration Date 4/17/13	Initial	A									

TLC 6/28/12

Lot Number 12-39-100	DMT Serial No	123006	~~120~~ 103809	122306	103809	102606	104509	104509	102606		102606
Concentration 0.100 Cal Check	NIST Temp	34.2	34.0	N/A Training	NA Training	SIN 101489856 34.0	SIN 101489856 34.0	33.9 ~~Poured 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	AeB	A	A	A	AeB/RD	AeB/RD	AeB/RD			AeB

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TLC 6/28/12

Lot Number Guth 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 / 0.095		Poured out				
Date Opened 5/18/12	Date	5/18/12	6/21/12	6/28/12	6/28/12		6/29/12	AeB			
Expiration Date 12/6/13	Initial	AeB	AeB	AeB/RD	AeB/RD						

TLC 6/28/12

Lot Number 12-78-020	DMT Serial No	123006	103809	104509	102606	100144	102806	103206	121706	121706	121706
Concentration 0.019 (0.019)	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	AeB	AeB	AeB	AeB/RD	AeB	RD	RD	RD	RD	RD

Poured out 7/30/12

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	G76888	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	G71147	Average	0.401	0.397	0.394	Aborted	0.395	0.396	0.394	0.384	0.384	.0392
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	R 8/12 103206								
Concentration	0.079 EtOH 0.01 Acetone	NIST Temp	WOULD NOT Repeat Int. Det									
Simulator Serial Number	G71158	Average	Fillers 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								

Poured out 7/30/12 RD

Poured out 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 report int. det. solution								
Simulator Serial Number	G7158	Average	tested in 2 units. Poured out								
Date Opened	5/18/12	Date	5/18/12	5/18/12							
Expiration Date	4/27/13	Initial	AEB	AEB							

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	AEB	AEB	AEB	AEB	AEB/RD	AEB	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 RD				
Date Opened	6/21/12	Date	6/21/12	6/28/12	6/28/12	6/28/12						
Expiration Date	4/17/13	Initial	AEB	AEB/RD	AEB/RD	AEB/RD						

TLC 8/9/2012 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~~ 6/29/12 RD	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 8/9/12	Initial	RD	AEB	RD	AEB						

Continued on Pg. 9 RCD 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	
Date Opened	~~6~~ 5/29/12	Date	6/29/12	6/29/12	7/2/12	7/26/12	~~7/26/12~~	7/27/12	7/27/12		out 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	Poured out 8/9/12
Simulator Serial Number	VT2	Average	0.099	0.098	FAIL (Filter unseated)	0.098	0.097	0.097	0.097	0.097	
Date Opened	5/18/12 see PB1	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	RD	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 RCD	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	G4861	Average	~~0.099~~ RCD	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	7/30/12	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 5/8/13 RCD	Initial	RCD	RCD	RCD	RCD	RCD	RCD	AWB	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	AWB	RCD	RCD	RCD	RCD

Poured out 8/9/12 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	AWB	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	AWB	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 0.04 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 0.04 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	70% 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.	100% 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 100% 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			Poured out			
Simulator Serial Number VT5	Average	0.018	0.018	0.018	0.016			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 10/16/12 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						

Simulator Solution Use Log

TLC 12/4/12

Lot Number 12-79-08A1	DMT Serial No	102606									
Concentration .079 EtOH 0.01 Ace	NIST Temp	33.9			Poured out 9/19/12 RCD						
Simulator Serial Number G7158	Average	N/A									
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		Poured out 12/17/12 RCD					
Simulator Serial Number VT5	Average	0.020	0.019	0.019							
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		Poured out 10/15/12						
Simulator Serial Number G7158	Average	INT DETECTED	/								
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		Poured out 12/17/12 RCD						
Simulator Serial Number VT1	Average	CAL	CAL								
Date Opened 10/15/12	Date	10/15/12	10/16/12								
Expiration Date 4/17/13	Initial	RCD	RCD								

Simulator Solution Use Log

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		Rosed 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 ~~12-76-08A1~~ 12-81-081A1 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.									
Date Opened 10/15/12 TLC 12/4/12	Date	10/16/12	10/24/12									
Expiration Date ~~4/27/13~~ 7/10/13	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								
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								
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								

TLC 1/15/2013

Lot Number 12-78-020	DMT Serial No	100156									
Concentration 0.019	NIST Temp	34.0									
Simulator Serial Number VT5	Average	0.018									
Date Opened 12/17/12	Date	12/24/12									
Expiration Date 5/8/13	Initial	RCD									

TLC 1/15/2013

Lot Number 12-74-080	DMT Serial No	100156									
Concentration 0.079	NIST Temp	34.0									
Simulator Serial Number VT4	Average	0.080									
Date Opened 12/17/12	Date	12/24/12									
Expiration Date 4/27/13	Initial	RCD									

TLC 1/15/2013

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

TLC 1/15/2013

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

TLC 1/15/2013

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

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.									
Date Opened 12/19/12	Date	12/19/12									
Expiration Date 2/16/13	Initial	RCD									

TLC 1/15/2013

Lot Number Guth 11250	DMT Serial No	100156	100156								
Concentration 0.10	NIST Temp	34.0	34.0								
Simulator Serial Number G9407	Average	0.100	0.101								
Date Opened 12/21/12	Date	12/21/12	12/24/12								
Expiration Date 12/6/13	Initial	RCD	RCD								

Lot Number	DMT Serial No										
Concentration	NIST Temp										
Simulator Serial Number	Average										
Date Opened	Date										
Expiration Date	Initial										