MERCURY ANALYSIS LOGBOOK

Date	Case Number	Batch Number	Start Time	BLK	STD1	STD2	STD3	STD4
4/01/15 (7470)	G2053	PB83114	11:55	18	873	10347	20309	31679
	G2070	↓	↓	↓	↓	↓	↓	↓
	G2058	PB83115						
	G2071	↓						
	G2081							
5/01/15 (1IMO)	G2072	PB83113	14:34	51	999	11740	23462	31690 47551
5/04/15 (7470)	G2087	PB83146	11:25	29	933	10872	21617	32969
	G2101	↓	↓	↓	↓	↓	↓	↓
5/4/15 (7471)	G2044	PB83116	12:48	142	1213	13708	26553	40557
	G2069	↓	↓	↓	↓	↓	↓	↓
	G2054							
	G2044	PB83145						
	G2057	↓						
	G2089							
	G2096							
5/6/15 (1IMO)	G2085	PB83159	16:26	126	1019	11753	23375	35571
5/5/15 (1IMO)	G2079	PB83193	10:21	76	885	10460	20742	30911
	G2080	PB83194	↓	↓	↓	↓	↓	↓
5/5/15 (7470)	G2055	PB83196	11:52	76	902	10503	20703	31059
	G2104	↓	↓	↓	↓	↓	↓	↓
5/5/15 (7471)	G2111	PB83207	13:23	157	1095	12752	25485	38330
	G2115	↓	↓	↓	↓	↓	↓	↓
	G2116							
	G2117							
	G2118							
5/6/15 (7471)	G2114	PB83206	16:18	131	1048	12222	24815	37189
5/6/15 (1IMO)	G2074	PB83214	13:16	143	994	11909	24298	35497

MERCURY ANALYSIS LOGBOOK

STD 5	End Time	Correlation Coeficient	Stannous Chloride Prep log #	Comment	Analyst	Supervisor Signature
41685	14:10	0.9998402	MP27385	ICV1B - 45 CCV1B - 36-46	MB	DB
↓	↓	↓	↓	↓	MB	DB
					MB	DB
					MB	DB
					MB	DB
47571	15:56	0.9985732	MP27385	ICV1B - 50 CCV1B - 41-43	MB	DB
43892	12:35	0.9989665	MP27427	ICV1B - 01 CCV1B - 44-46	MB	DB
↓	↓	↓	↓	↓	MB	DB
55067	15:48	0.9998839	MP27427	ICV1B - 02 CCV1B - 01-07	MB	DB
↓	↓	↓	↓	↓	MB	DB
					MB	DB
					MB	DB
					MB	DB
					MB	DB
					MB	DB
46587	16:58	0.9999622	MP27427	ICV1B - CCV1B-008 -009	MB	DB
41498	11:04	0.9999865	MP27472	ICV1B - 03 CCV1B - 10 -11	MB	DB
↓	↓	↓	↓	↓	MB	DB
41816	13:11	0.9999791	MP27472	ICV1B - 04 CCV1B - 12-15	MB	DB
↓	↓	↓	↓	↓	MB	DB
50329	14:52	0.9999931	MP27472	ICV1B - 05 CCV1B - 16 - 19	MB	DB
↓	↓	↓	↓	↓	MB	DB
					MB	DB
					MB	DB
					MB	DB
49843	15:40	0.9999777	MP27472	ICV1B - 06 CCV1B - 20-23	MB	DB
47999	13:57	0.9998142	MP27488	ICV1B - 05 CCV1B - 29-30	MB	DB

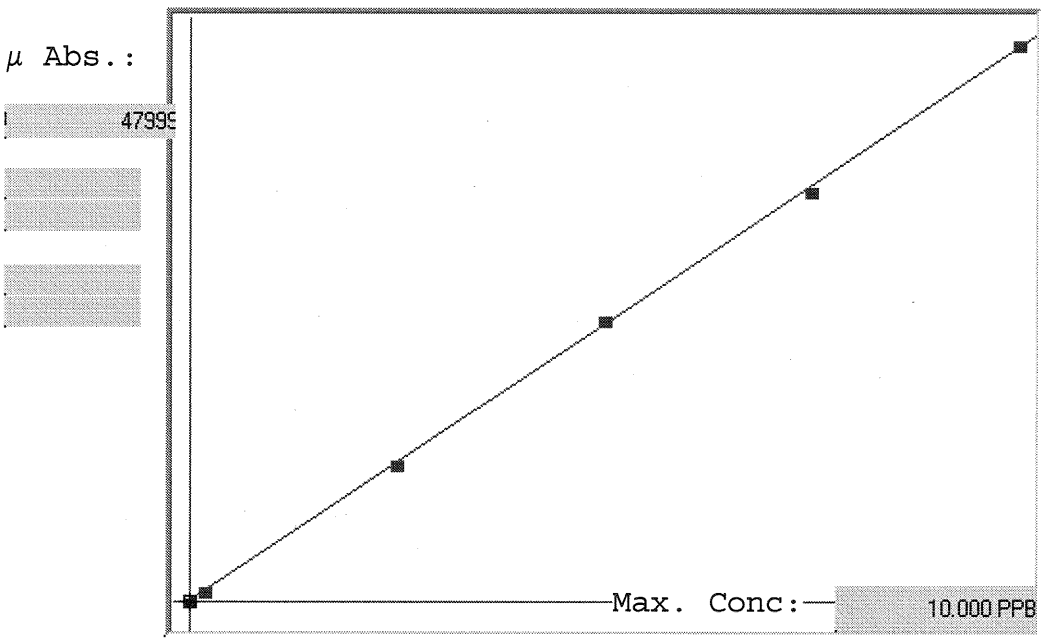
LB75920 CV1

ISM01.3

LB75920

INSTRUMENT ID: CVS

Linear



A= 0.0000e+000

B= 2.0937e-004

C= -1.6717e-002

Rho= 0.9999142

Accept= Accepted

slope
y-intercept

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	%D
0.0	0.000	0.013	0.013	143	0.000	143					--
0.2	0.200	0.191	-0.009	994	0.0 %	994					-5
2.5	2.500	2.477	-0.023	11909	0.0 %	11909					-1
5.0	5.000	5.071	0.071	24298	0.0 %	24298					1
7.5	7.500	7.415	-0.085	35497	0.0 %	35497					-1
10.0	10.000	10.033	0.033	47999	0.0 %	47999					0

NB
5/5/15

LB75920

INSTRUMENT ID : CV1

Sample ID	Extended ID	µ Abs.	Conc.		Stnd Conc	Method	Units	Date	Type
0	S0	143	-		0	ISM01.3	PPB	5/6/2015 13:16	Std
0.2	S0.2	994	-		0.2	ISM01.3	PPB	5/6/2015 13:18	Std
2.5	S2.5	11909	-		2.5	ISM01.3	PPB	5/6/2015 13:20	Std
5	S5	24298	-		5	ISM01.3	PPB	5/6/2015 13:22	Std
7.5	S7.5	35497	-		7.5	ISM01.3	PPB	5/6/2015 13:24	Std
10	S10	47999	-		10	ISM01.3	PPB	5/6/2015 13:26	Std
ICV08	ICV08	19214	4.0061	-		ISM01.3	PPB	5/6/2015 13:29	SMPL
ICB08	ICB08	95	0.0032	-		ISM01.3	PPB	5/6/2015 13:31	SMPL
CCV29	CCV29	23942	4.996	-		ISM01.3	PPB	5/6/2015 13:33	SMPL
CCB29	CCB29	116	0.0076	-		ISM01.3	PPB	5/6/2015 13:35	SMPL
PB83214BL	PBS02	165	0.0178	-		ISM01.3	PPB	5/6/2015 13:37	SMPL
G2074-01	ME5FP1	300	0.0461	-		ISM01.3	PPB	5/6/2015 13:40	SMPL
G2074-02	ME5FR8	8206	1.7014	-		ISM01.3	PPB	5/6/2015 13:42	SMPL
G2074-03	ME5G37	762	0.1428	-		ISM01.3	PPB	5/6/2015 13:44	SMPL
G2074-04	ME5G37D	810	0.1529	-		ISM01.3	PPB	5/6/2015 13:46	SMPL
G2074-05	ME5G37S	11778	2.4492	-		ISM01.3	PPB	5/6/2015 13:48	SMPL
G2074-06	ME5GC3	492	0.0863	-		ISM01.3	PPB	5/6/2015 13:50	SMPL
G2074-07	ME5GC4	428	0.0729	-		ISM01.3	PPB	5/6/2015 13:52	SMPL
CCV30	CCV30	23520	4.9077	-		ISM01.3	PPB	5/6/2015 13:54	SMPL
CCB30	CCB30	-123	-0.0425	-		ISM01.3	PPB	5/6/2015 13:57	SMPL

PLASMA-PURE™

Standard Certificate

M3202
Recd: 10/20/14
Exp: 10/1/15

Catalog Number:	610-8002	**Lot Number:**	101614
Starting Material:	99.999% purity Hg metal	**Diluent/Matrix:**	5% HNO_3
Preparation Date:	Oct-14	**Expiration Date:**	Oct-15

Element	Concentration
Mercury Stock Solution	
Hg	10.0 ± 0.02 µg/ml

Residual Impurities *	Concentration
None Detected	

* Impurities were determined via ICP Emission Spectroscopy. Only elements detected are reported.

Traceability

1. This standard is certified using wet chemistry assay procedures and/or plasma emission spectroscopy, traceable to primary or well-characterized secondary standards. Traceable to:
   NIST SRM 3133, Hg
   Lot#991304
2. Analytical balances are routinely calibrated using NIST weight sets.

Certification

Leeman Labs, Inc. certifies that PLASMA-PURE Standards have been formulated to the concentrations listed above (±0.5% of reported value). This certification does not apply and will be considered null and void if PLASMA-PURE Standards are used in a manner or in an environment not consistent with their intended purpose or are modified by the Customer in any manner.

Limitations

THE ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MECHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Limitation of Liability

In no event shall Leeman Labs, Inc. be liable for any indirect, incidental, special, or consequential damages, including loss of profits, revenue, or used incurred by Customer or any third party, whether in an action in contract or tort. Leeman Labs Inc's liability for damages hereunder shall in no event exceed the amounts paid for the PLASMA-PURE Standards.

QC Analyst: RM

Date: October 16, 2014

QUALITY ISO 9001:2008 NSAI Certified

TELEDYNE LEEMAN LABS
Everywhereyoulook™
6 Wentworth Drive . Hudson, NH 03051
Tel: 603.886.8400 Fax: 603.886.9141

TELEDYNE LEEMAN LABS
Everywhereyoulook™

MATERIAL SAFETY DATA SHEET

Teledyne Leeman Labs
110 Lowell Rd
Hudson NH 03051
(603) 886-8400

Date Last Revision: 10/16/14
EMERGENCY PHONE: (800) 255-3924

SECTION I IDENTIFICATION

PRODUCT IDENTITY: PLASMA PURE STANDARD SOLUTION, Nitric Acid Blank and Custom Multielement Standard
GENERIC NAME: ICP/DCP Emission Spectrometric Standard Solution
CHEMICAL FAMILY: Inorganic Acid Solution
CATALOG NUMBER(S): 602-00200, 602-00203, 602-00204, 603-00002, 603-0000, 610-0000, 620-0000, 630-0000, 610-8002, 602-00064, 602-00012, 602-00141, 602-00142, 602-00143, 602-00153, 602-00206, 602-00207, 604-0012, 605-0012, 605-0014, 604-0022, 605-0022, 604-0032, 605-0032, 604-0002, 604-0042, 604-00004, 604-00002, 602-00159, 610-8002, 611-00001, 621-00026, 621-00027, 621-00028, 116-00038, 116-00108, 609-00001, 609-00007

SECTION II HAZARDOUS INGREDIENTS

Hazardous Components	% wt/vol	CAS Number	OSHA PEL	ACGIH TLV
Nitric acid	1-20	7697-37-2	2ppm	2ppm

SECTION III PHYSICAL DATA

Boiling Point: ND
Freezing Point: ND
% Volatile: ND
Solubility in Water: Miscible
Specific Gravity(H_2O=1): ND
Evaporation Rate(Butyl acetate=1): ND
Vapor Density(Air=1): ND
Vapor Pressure: ND
Appearance and Odor: Clear solution with slightly acidic, pungent odor.
Other: NA

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA
FLAMMABLE LIMITS IN AIR(% by vol) LOWER: NA UPPER: NA

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

SPECIAL PRECAUTIONS: Firefighters should wear proper protective equipment such as fire and chemical resistant gloves, coats, boots. Wear self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from area if it can be done safely. Use water to keep fire exposed containers cool. Avoid getting water inside of the containers.

UNUSUAL HAZARDS: May emit explosive Hydrogen gas on contact with metals. Strong oxidizer, contact with other materials may cause fire. Exothermic reaction occurs with water, sufficient heat may be generated to ignite combustible materials. Heat from fire may cause toxic oxides of Nitrogen and Hydrogen gas to be produced.

SECTION V HEALTH DATA

COMPONENT: Nitric acid
ROUTES OF ENTRY: Skin: yes Ingestion: yes Eye: yes Inhalation:yes
CARCINOGENICITY: NPT: no IARC: no OSHA: no

MEDICAL CONDITIONS AGGRAVATED BY THE CHEMICAL: Damaged skin, Eye disorders, Cardiopulmonary disease, Lung disease.

ACUTE AND CHRONIC EFFECTS: Inhalation causes severe irritation or burns to the respiratory system, coughing, difficult breathing, chest pains, pulmonary edema, lung inflammation, unconsciousness, and may cause death. Ingestion causes nausea, vomiting, severe burns and ulceration of the mouth, throat, stomach and may cause death. Contact with the skin and/or eyes causes severe irritation and chemical burns. Chronic effects of prolonged exposures are damage to the lungs and teeth.

EMERGENCY AND FIRST AID PROCEDURES:
INGESTION: Seek Medical Attention. If swallowed do not induce vomiting. If conscious give water, milk, milk of magnesia. Never give anything to eat or drink to an unconscious person.

SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. If irritation persists seek medical attention. Wash clothing before reuse.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.

INHALATION: Remove to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration. Seek medical attention.

SECTION VI REACTIVITY DATA

STABILITY: stable
HAZARDOUS POLYMERIZATION: will not occur

INCOMPATIBILITIES: Strong bases, carbonates, sulfides, cyanides, combustible materials, organic materials, strong reducing agents, most common metals, powdered metals, carbides, Ammonium hydroxide, alcohols, water

CONDITIONS TO AVOID: Heat, light, moisture, incompatibles

HAZARDOUS DECOMPOSITION: Thermal decomposition or reactions with incompatibles can produce toxic oxides of Nitrogen and Hydrogen gas.

SECTION VII ENVIRONMENTAL INFORMATION

TSCA REGISTERED: yes
SPILL AND LEAK PROCEDURE: Wear self-contained breathing apparatus and full protective clothing. Ventilate the area. Neutralize the spill with soda ash, lime, or other suitable agent. Carefully place material in clean, dry container, cover, and remove from area. Flush spill area with copious amounts of water.

WASTE DISPOSAL: Dispose of in accordance with all applicable Federal, State, and Local Regulations.

01/25/02

SECTION VIII PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Use general or local exhaust, such as a fume hood, to maintain airborne concentrations below regulatory limits.

RESPIRATORY PROTECTION: Respiratory protection is required if airborne concentrations exceed TLV/PEL. Use only NIOSH/MSHA approved respirators or self- contained breathing apparatus as appropriate for concentrations encountered.

PROTECTIVE APPAREL: Wear safety goggles/face shield, chemical resistant lab coats or uniforms, neoprene gloves.

OTHER: Ensure that Safety Eyewashes and Safety Deluge Showers are in the area and in proper working order.

SECTION IX ADDITIONAL INFORMATION

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to- Know Act (SARA Title III) of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
7697-37-2	Nitric Acid	1 to 20%

This information MUST be included in all MSDSs that are copied and distributed for this material.

ND	=	Not Determined	NA	=	Not Applicable
NL	=	Not Listed	NE	=	Not Established
NDF	=	No Data Found			

ADDENDUM

The product(s) described in the attached Material Safety Data Sheet is a compound/mixture of one or more hazardous and/or non hazardous ingredients. This product has not been tested as a single whole. Information is included on all hazardous ingredients present in concentrations of 0.1-1.0%.

The information published has been compiled from our experience and data presented in various technical publications, including but not limited to, Merck Index, CRC Handbook, and the Registry of Toxic Effects of Chemical Substances. It is the user's responsibility to determine the suitability, for his/her intended use, of this(these) product(s). This(these) product(s) is to be used only by qualified laboratory personnel with adequate supervision.

Every effort has been made to include accurate and up to date information. It is the user's responsibility to determine the suitability of this information. Leeman Labs, Inc. makes no warranty or representation about the accuracy or completeness nor fitness for purpose of the information contained herein. Leeman Labs, Inc. assumes no liability for any Loss, Damage, Injury of any kind which may result from or arise out of use or reliance on the information contained herein by any person.

This addendum is part of the Material Safety Data Sheet by attachment. Any copies made of this Material Safety Data Sheet for distribution of any kind must also include a copy of this addendum permanently attached.

R: 03/20/15

Instructions for QATS Reference Material: *Inorganic ICV Solutions*

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with CLP SOWs and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

M3371
M3372
M3373
M3374
M3375

Received on 03/20/15
Exp 03/20/20
NB

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-0307", "ICV5-0508", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain-of-custody record. Report any problems to Mr. Keith Strout, CB&I Federal Services LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
CB&I Federal Services LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-0307 For ICP-AES use: dilute the ICV1 concentrate 10-fold with 2% (v/v) nitric acid; pipet 10 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

For ICP-MS use: dilute the ICV1 concentrate 50-fold with 1% (v/v) nitric acid; pipet 2 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0508 For the cold vapor analysis of mercury by AA: dilute the ICV5 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide: dilute the ICV6 concentrate 100-fold with Type II water; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-0307		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2521	504
Sb	994	199
As	999	200
Ba	497	99
Be	495	99
Cd	496	99
Ca	10026	2005
Cr	490	98
Co	499	100
Cu	492	98
Fe	5082	1016
Pb	1002	200
Mg	6074	1215
Mn	499	100
Ni	503	101
K	10021	2004
Se	1029	206
Ag	501	100
Na	10097	2019
Tl	1028	206
V	501	100
Zn	1025	205

ICV5-0508		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
871	MERCURY INTERMEDIATE B 250PPB WORKING STD.	MP27473	05/05/2015	05/06/2015	Mohan Bera

FROM 1.000ml of M3399 + 2.500ml of M3262 + 96.500ml of W1152 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1340	Hg 0.00 PPB STD	MP27474	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 247.500ml of W1152 = Final Quantity: 250.000 ml

CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1341	Hg 0.2 PPB STD	MP27475	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 247.300ml of W1152 + 0.200ml of MP27473 = Final Quantity: 250.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1342	Hg 2.5 PPB STD	MP27476	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 245.000ml of W1152 + 2.500ml of MP27473 = Final Quantity: 250.000 ml

CHEMTECH

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1343	Hg 5.0 PPB STD	MP27477	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 242.500ml of W1152 + 5.000ml of MP27473 = Final Quantity: 250.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1344	Hg 7.5 PPB STD	MP27478	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 240.000ml of W1152 + 7.500ml of MP27473 = Final Quantity: 250.000 ml

CHEMTECH

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1345	Hg 10.0 PPB STD	MP27479	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 237.500ml of W1152 + 10.000ml of MP27473 = Final Quantity: 250.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1346	Hg ICV SOLUTION	MP27480	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3371 + 2.500ml of M3399 + 245.000ml of W1152 = Final Quantity: 250.000 ml

CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1351	ICB (Hg 0.00 PPB SOLUTION)	MP27481	05/05/2015	05/06/2015	Mohan Bera

FROM 2.500ml of M3399 + 247.500ml of W1152 = Final Quantity: 250.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1358	CCV (Hg 5.0 PPB SOLUTION)	MP27482	05/05/2015	05/06/2015	Mohan Bera

FROM 485.000ml of W1152 + 5.000ml of M3399 + 10.000ml of MP27473 = Final Quantity: 500.000 ml

CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1352	CCB (Hg 0.00 PPB SOLUTION)	MP27483	05/05/2015	05/06/2015	Mohan Bera

FROM 495.000ml of W1152 + 5.000ml of M3399 = Final Quantity: 500.000 ml

CHEMTECH

284, Sheffield Street, Mountainside NJ 07092 (908) 789 - 8900

Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
68	STANNOUS CHLORIDE SOLUTION	MP27488	05/06/2015	05/07/2015	Mohan Bera

FROM 450.000ml of W1152 + 50.000gram of M3350 + 50.000ml of M3398 = Final Quantity: 500.000 ml