

CHEMTECH

Cynide Distillation Log

*midr distillation***PB85638**

SOP : M <u>9010-C total Amendable</u> <u>Reactive cyanide</u>		Batch# <u>PB85638</u>
TEMP Set1: <u>124°C</u> Set2: <u>125°C</u>		Preparation Date: <u>09/18/2015</u>
Balance Check(g): <u>MSC-3</u>		Preparation Time: <u>11:30</u>
Wt1: <u>2.10g</u> Wt2: <u>10.00g</u> Wt3: <u>✓</u>		Time In: <u>12:40</u>
Final Vol: <u>50.0mL</u>		Time: Out <u>14:10 + 15 min cool down</u>
		Reviewed By: <u>JD</u>
		Dig Technician Signature: <u>JD</u>

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	0.5ml	W1538
MS/MSD SPIKE SOL.	<u>2.0ml 0.4M</u> <u>50 ml-18-15</u>	WP40960

Chemical Used	Lot Number
0.25N NaOH	WP41877 <u>50.0 mL</u>
50% v/v H2SO4	WP42803 <u>5.0 mL</u>
51% w/v MgCL2	WP42804 <u>2.0 mL</u>

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	COMMENTS
ICV PB85638	ICV	<u>0.5 mL → W1538</u>	<u>50 mL DI water</u>
Midrange PB85638	Midrange	<u>-</u>	<u>-</u>
HIGHSTD PB85638	HIGHSTD	<u>5.0 mL → WP40960</u>	<u>50 mL DI water</u>
LOWSTD PB85638	LOWSTD	<u>0.1 mL → WP40960</u>	<u>50 mL DI water</u>

Date / Time	Received By	Relinquished By	Location
<u>09-18-15/14:30</u> <u>50</u> <u>09-18-15</u>	<u>MM</u>	<u>JD</u>	<u>WC ref #2</u>
	Analysis Group	Digestion Group	

COMMENTS

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Lab Sample ID	Client Sample ID	Matrix	Weight/ Volume ml	PH	Sulfide	Oxidizing	Comments
G3707-03	LOD-SOIL2015-01	SOIL	1.03	N/A	N/A	N/A	0.5 mL from WP42943
G3707-04	LOQ-SOIL2015-02	SOIL	1.07	N/A	N/A	N/A	
G3708-01	MGP209BR-15-17	SOIL	1.46	N/A	N/A	N/A	5. mL from WP42943
G3708-02	MGP2090BR-15-17	SOIL	1.04	N/A	N/A	N/A	
G3708-03	MGP209BR-29-30	SOIL	1.03	N/A	N/A	N/A	
G3708-03DUP	MGP209BR-29-30DUP	SOIL	1.03	N/A	N/A	N/A	
G3708-04	G3708-03MS	SOIL	1.07	N/A	N/A	N/A	
G3708-05	G3708-03MSD	SOIL	1.04	N/A	N/A	N/A	
G3708-08	MGP201-19-20	SOIL	1.14	N/A	N/A	N/A	
G3708-09	MGP201-36-38	SOIL	1.00	N/A	N/A	N/A	
G3708-10	MGP201-40-41	SOIL	1.02	N/A	N/A	N/A	
PB85638BL	PBS01	SOIL	1.00	N/A	N/A	N/A	
PB85638BL	PBS01	SOIL	1.00	NA	N/A	N/A	
PB85638BS	LCS01	SOIL	1.09	NA	N/A	N/A	
PB85638BS	LCS01	SOIL	1.09	N/A	N/A	N/A	

Lab Sample ID	Client Sample ID	Matrix	Weight/ Volume mL	PH	Sulfide	Oxidizing	Comments
G3707-03	LOD-SOIL2015-01	SOIL	1.03	NA	NA	NA	.5 mL from WP42943
G3707-04	LOQ-SOIL2015-02	SOIL	1.07				
G3708-01	MGP209BR-15-17	SOIL	1.46				5. mL from WP42943
G3708-02	MGP2090BR-15-17	SOIL	1.09				
G3708-03	MGP209BR-29-30	SOIL	1.03				
G3708-03DUP	MGP209BR-29-30DUP	SOIL	1.03				
G3708-04	G3708-03MS	SOIL	1.07				
G3708-05	G3708-03MSD	SOIL	1.04				
G3708-08	MGP201-19-20	SOIL	1.14				
G3708-09	MGP201-36-38	SOIL	1.00				
G3708-10	MGP201-40-41	SOIL	1.02				
PB85638BL	PBS01	SOIL	1.00				
PB85638BL	PBS01	SOIL	1.00	NA	N/A	N/A	
PB85638BS	LCS01	SOIL	1.09	NA	N/A	N/A	
PB85638BS	LCS01	SOIL	1.09				