Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB165609

SOP ID : MSFAM01.1-Cyanide-2

SDG No : ME28R5

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : JP

Start Digest Date: 12/12/2024 **Time :** 11:00 **Temp :** 123 °C

End Digest Date: 12/12/2024 **Time :** 12:30 **Temp :** 127 °C

II batch 12/12/2024 13:00 123 °C
12/12/2024 14:45 128 °C

III batch 12/12/2024 15:15 123 °C
12/12/2024 16:45 127 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: JB

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
MATRIX SPIKE SOLUTION	1.0ML	WP110899
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP108640
50% v/v H2SO4	5.0ML	WP110391
51% w/v MgCL2	2.0ML	WP110390
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	50.0ML	WP111075 I batch
S5.0	S5.0	50.0ML	WP111074 "
S10.0	S10.0	50.0ML	WP111073 "
S100.0	S100.0	50.0ML	WP111072 "
S250.0	S250.0	50.0ML	WP111071 "
S500.0	S500.0	50.0ML	WP111070 "
ICV	ICV	50.0ML	WP111076 "
ICB	ICB	50.0ML	WP108640 "
CCV	CCV	50.0ML	WP111077 "
CCB	CCB	50.0ML	WP108640 "
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

MIDI-DISTILATION_SOIL; I BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 126C; II BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 127 C; III BATCH MC-2 START TEMP:123 C; MC-2 END TEMP: 127 C, Block Therm. ID: WC-Cyanide-2

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12-12-2024, 17:00	JB / WC	NF(WC)
	Preparation Group	Analysis Group

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Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P5233-01	ME28R5	1.05	50	N/A	N/A	N/A	N/A	N/A II batch	N/A
P5233-02	ME28R6	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-03	ME28R7	1.04	50	N/A	N/A	N/A	N/A	N/A III batch	N/A
P5233-04	ME28R8	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-05	ME28R9	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-06	ME28S0	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-07	ME28S1	1.08	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-08	ME28S2	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-09	ME28S3	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-10	ME28S4	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-11	ME28S5	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-12	ME28S6	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-13	ME28S7	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-14	ME28S8	1.01	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-15	ME28S9	1.02	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-16	ME28T0	1.08	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-17	ME28T1	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-18	ME28T2	1.07	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-19	ME28T3	1.03	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-20	ME28S7D	1.04	50	N/A	N/A	N/A	N/A	N/A "	N/A
P5233-21	ME28S7S	1.05	50	N/A	N/A	N/A	N/A	N/A "	N/A
PB165609BL	PBS609	1.00	50	N/A	N/A	N/A	N/A	N/A II batch	N/A