

SOP ID : MSM4500-N Org C-TKN-11

SDG No : N/A

Matrix : WATER

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#2&3

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 10/28/2024 Time : 09:30 Temp : 380 °C

End Digest Date: 10/28/2024 Time : 11:00 Temp : 375 °C

Start Distillation Date: 10/28/2024 Time : 11:30 Temp : 150 °C

End Distillation Date: 10/28/2024 Time : 12:30 Temp : 160 °C

Digestion tube ID : M5595

Block Thermometer ID : Therm#2(2179)

Filter paper ID : N/A

Prep Technician Signature: RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP110451
TKN CCV STD	50.0ML	WP110452
TKN ICV STD	50.0ML	WP110453
TKN LCS STD	50.0ML	WP110454
MS/MSD SPIKE SOL.	0.25ML	WP110149

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP108657
TKN DISTILLATION BUFFER	10.0ML	WP109441
H2SO4 0.04N	5.0ML	WP110335
pH Paper 0-14	N/A	W3104
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

Extraction Conformance/Non-Conformance Comments:

RL CHECK 10ML FROM WP110452,MDL WP110455,REAGENT WP108814 ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/2024 14:05	RM CWG	RM CWG
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P4368-09	MDL-WATER-03-QT4-2024	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-01	MW-1	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-01DUP	MW-1DUP	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-01MS	MW-1MS	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-01MSD	MW-1MSD	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-03	MW-2	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-05	MW-3	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
P4548-07	MW-4	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB164408BL	PBW408	50	50	<2	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB164408BS	LCS408	50	50	<2	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A