

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

SDG No : N/A

Start Digest Date: 04/25/2025 Time : 08:40 Temp : 380 °C

Matrix : WATER

End Digest Date: 04/25/2025 Time : 10:10 Temp : 385 °C

Pipette ID : WC

Start Distillation Date: 04/25/2025 Time : 10:45 Temp : 150 °C

Balance ID : N/A

End Distillation Date: 04/25/2025 Time : 11:45 Temp : 160 °C

Hood ID : HOOD#2&3

Digestion tube ID : M5595

Block Thermometer ID : Therm#2(2179)

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
TKN CAL STD	50.0ML	WP112836
TKN CCV STD	50.0ML	WP112837
TKN ICV STD	50.0ML	WP112838
TKN LCS STD	50.0ML	WP112839
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP111319
TKN DISTILLATION BUFFER	10.0ML	WP112079
H2SO4 0.04N	5.0ML	WP112828
pH Paper 0-14	N/A	W3140
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 WP112837 ,ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP111604. Due to limited vol 5ML was taken as a initial vol and DUP, MS and

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/25/2025 12:00	RM (WC)	RM (WC)
04/25/2025 13:20	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167734BL	PBW734	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
PB167734BS	LCS734	50	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q1879-01	STEM-31-SULFURIC-ACID	5	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q1879-02	STEM-32-SULFURIC-ACID	5	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q1879-03	STEM-46-SULFURIC-ACID	5	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A
Q1879-04	ACID-MIXTURE-TF-CONTAINMENT	5	50	<2	N/A	N/A	N/A	PH AFTER ADDING DIST BUFFER>11	N/A