

SOP ID : MSM4500-NH3 B,G-Ammonia-17

SDG No : N/A

Start Digest Date: 11/08/2024 Time : 09:30 Temp : 150 °C

Matrix : WATER

End Digest Date: 11/08/2024 Time : 10:30 Temp : 160 °C

Pipette ID : WC

11 batch
11/08/2024 10:50 150°C RM
11/08/2024 11:50 158°C RM

Balance ID : N/A

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

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: *JB*

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LCSW | 1.0ML | WP110181 |
| MS/MSD SPIKE SOL. | 1.0ML | WP110180 |
| PBW | 50.0ML | W3112 |
| RL CHECK | 0.1ML | WP110180 |
| N/A | N/A | N/A |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|------------------|----------------|------------|
| BORATE BUFFER | 2.5ML | WP108708 |
| NAOH 6N | 0.5-2.0ML | WP108660 |
| H2SO4 0.04N | 5.0ML | WP110335 |
| pH strip-Ammonia | N/A | W3133 |
| KI-starch paper | N/A | W2965 |
| 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:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP108814.P4735-01,05ARE CLOUDY AND BAD SMELL SAMPLES SO I TOOK 1ML INSTEAD OF 50ML.

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|------------------|---|----------------------|
| 11/08/2024 12:05 | RM CWC | RM CWC |
| | Preparation Group | Analysis Group |

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Sulfide | Oxidizing | Nitrate/ Nitrite | Comment | Prep Pos |
|---------------|------------------------------|------------------|----------------|----|---------|-----------|------------------|--------------------------------|----------|
| P4735-01 | EFFLUENT | 1 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4735-05 | INFLUENT | 1 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4763-01 | WATER TREATMENT DISCHARGE | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4763-01DUP | WATER TREATMENT DISCHARGEDUP | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4763-01MS | WATER TREATMENT DISCHARGEMS | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4763-01MSD | WATER TREATMENT DISCHARGEMS | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4765-01 | DSN002 | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4765-03 | DSN001 | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| P4765-05 | DSN003 | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| PB164764BL | PBW764 | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |
| PB164764BS | LCS764 | 50 | 50 | <2 | N/A | Negative | N/A | AFTER ADDING 6N NAOH PH IS 9.5 | N/A |