

SOP ID : M9014-Reactive Cyanide--9
SDG No : N/A **Start Digest Date:** 09/10/2025 **Time :** 10:15 **Temp :** 123 °C
Matrix : WATER **End Digest Date:** 09/10/2025 **Time :** 11:45 **Temp :** 127 °C
Pipette ID : WC
Balance ID : N/A
Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** WC CYANIDE
Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** [Signature]
Weigh By : N/A **pH Meter ID :** N/A **Supervisor Signature:** [Signature]

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LCSW | 1.0ML | WP113838 |
| PBW | 50.0ML | W3112 |
| 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 | WP113836 |
| 50% v/v H2SO4 | 5.0ML | WP112826 |
| 51% w/v MgCL2 | 2.0ML | WP112827 |
| pH Paper 0-14 | N/A | W3215 |
| Nitrate/Nitrite Strip | N/A | W3182 |
| Lead Acetate strip | N/A | W3134 |
| KI-starch paper | N/A | W3155 |
| 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 | N/A | N/A |
| S5.0 | S5.0 | N/A | N/A |
| S10.0 | S10.0 | N/A | N/A |
| S100.0 | S100.0 | N/A | N/A |
| S250.0 | S250.0 | N/A | N/A |
| S500.0 | S500.0 | N/A | N/A |
| ICV | ICV | N/A | AS PER PB169627 |
| ICB | ICB | N/A | N/A |
| CCV | CCV | N/A | N/A |
| CCB | CCB | N/A | N/A |
| Midrange | Midrange | N/A | N/A |
| HIGHSTD | HIGHSTD | N/A | AS PER PB169627 |
| LOWSTD | LOWSTD | N/A | AS PER PB169627 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|------------------|---|----------------------|
| 09/10/2025 11:55 | [Signature] / WC | RM (100) |
| | Preparation Group | Analysis Group |

| Lab Sample ID | Client Sample ID | Initial Vol (ml) | Final Vol (ml) | pH | Sulfide | Oxidizing | Nitrate/Nitrite | Comment | Prep Pos |
|---------------|------------------|------------------|----------------|-----|----------|-----------|-----------------|---------|----------|
| PB169642BL | PBW642 | 50 | 50 | >12 | Negative | Negative | Negative | N/A | N/A |
| PB169642BS | LCS642 | 50 | 50 | >12 | Negative | Negative | Negative | N/A | N/A |
| Q3019-24 | WP0925-PT-CN-SP | 50 | 50 | >12 | Negative | Negative | Negative | N/A | N/A |