

**SOP ID :** MSM4500-N Org C-TKN-12  
**SDG No :** N/A      **Start Digest Date:** 09/16/2025    **Time :** 10:35    **Temp :** 380 °C  
**Matrix :** SOIL      **End Digest Date:** 09/16/2025    **Time :** 12:05    **Temp :** 385 °C  
**Pipette ID :** WC      **Start Distillation Date:** 09/16/2025    **Time :** 14:15    **Temp :** 150 °C  
**Balance ID :** WC SC-7      **End Distillation Date:** 09/16/2025    **Time :** 15:15    **Temp :** 160 °C  
**Hood ID :** HOOD#2      **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	WP114787
TKN CCV STD	50.0ML	WP114788
TKN ICV STD	50.0ML	WP114789
TKN LCS STD	50.0ML	WP114790
RL CHECK	N/A	AS PER PB169715

Chemical Used	ML/SAMPLE USED	Lot Number
TKN DIGESTION FLUID	10.0ML	WP113135
TKN DISTILLATION BUFFER	10.0ML	WP114445
H2SO4 0.04N	5.0ML	WP112828
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
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  
 WP114104,MDL WP114791

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/16/2025 15:25	RM cwj	RM cwj
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169714BL	PBS714	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB169714BS	LCS714	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2893-03	MDL-SOIL-03-QT3-2025	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A