



<u>SAMPLE</u> <u>DATA</u>



Project:Tank Farm - Acid AnalysisDate Received:04/24/25Client Sample ID:STEM-31-SULFURIC-ACIDSDG No.:Q1879Lab Sample ID:Q1879-01Matrix:Water% Solid:0	Client:	METEM A GE POWER Business	Date Collected:	04/23/25 21:00
Lab Sample ID:Q1879-01Matrix:Water	Project:	Tank Farm - Acid Analysis	Date Received:	04/24/25
	Client Sample ID:	STEM-31-SULFURIC-ACID	SDG No.:	Q1879
% Solid: 0	Lab Sample ID:	Q1879-01	Matrix:	Water
			% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Acidity	276000		1	4.00	10.0	mg/L		04/25/25 12:35	SM2310 B
Alkalinity	1.00	U	1	1.00	2.00	mg/L		04/25/25 11:52	SM 2320 B-11
Ammonia as N	0.36	J	1	0.30	1.00	mg/L	04/25/25 09:20	04/25/25 12:09	SM 4500-NH3
									B plus G-11
pН	0.51	Н	1	0	0	pН		04/25/25 10:00	9040C
Phenolics	0.15	U	1	0.15	0.50	mg/L	04/25/25 14:00	04/25/25 16:34	9065
TKN	1.40		1	0.11	0.50	mg/L	04/25/25 08:40	04/25/25 14:07	SM4500-N Org
									C-11 plus NH3

B plus G-11

В

Comments: The acidity to pH 8.36=276000 mg CaCO3/L, pH result reported at temperature 20.2 °C

U = Not DetectedJ = Estimated ValueLOQ = Limit of QuantitationB = Analyte Found in Associated Method BlankMDL = Method Detection Limit* = indicates the duplicate analysis is not within control limits.LOD = Limit of DetectionE = Indicates the reported value is estimated because of the presenceD = Dilutionof interference.Q = indicates LCS control criteria did not meet requirementsOR = Over RangeH = Sample Analysis Out Of Hold TimeN =Spiked sample recovery not within control limits



Client:	METEM A GE POWER Busi	ness	Date Collect	ted: 04/24/25 09:00)
Project:	Tank Farm - Acid Analysis		Date Receive	ed: 04/24/25	
Client Sample ID:	STEM-32-NITRIC-ACID		SDG No.:	Q1879	
Lab Sample ID:	Q1879-02		Matrix:	Water	
			% Solid:	0	
Parameter	Conc. Qua. DF MDL	LOQ / CRQL	Units Prep Da	ate Date Ana. An	na Met.

1 ur umeter	conei	Zum	ы	мысы	Eog/ engl	emus	TTep Date	Duterman	Tinu Met
Acidity	310000		1	4.00	10.0	mg/L		04/25/25 12:47	SM2310 B
Alkalinity	1.00	U	1	1.00	2.00	mg/L		04/25/25 11:55	SM 2320 B-11
Ammonia as N	19.4		1	0.30	1.00	mg/L	04/25/25 09:20	04/25/25 12:09	SM 4500-NH3
									B plus G-11
pН	0.51	Н	1	0	0	pН		04/25/25 10:01	9040C
Phenolics	0.15	U	1	0.15	0.50	mg/L	04/25/25 14:00	04/25/25 16:34	9065
TKN	1.90		1	0.11	0.50	mg/L	04/25/25 08:40	04/25/25 15:12	SM4500-N Org
									C-11 plus NH3

B plus G-11

Comments: The acidity to pH 8.36=310000 mg CaCO3/L, pH result reported at temperature 20.2 °C

U = Not DetectedJ = Estimated ValueLOQ = Limit of QuantitationB = Analyte Found in Associated Method BlankMDL = Method Detection Limit* = indicates the duplicate analysis is not within control limits.LOD = Limit of DetectionE = Indicates the reported value is estimated because of the presenceD = Dilutionof interference.Q = indicates LCS control criteria did not meet requirementsOR = Over RangeH = Sample Analysis Out Of Hold TimeN = Spiked sample recovery not within control limits

в



Client:	METEM A GE POWER Busi	ness	Da	ate Collected:	04/24/25 0	09:00
Project:	Tank Farm - Acid Analysis		Da	ate Received:	04/24/25	
Client Sample ID:	STEM-46-NITRIC-ACID		SE	DG No.:	Q1879	
Lab Sample ID:	Q1879-03		Ma	atrix:	Water	
			%	Solid:	0	
Parameter	Conc. Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.

1 al allietel	Conc.	Qua.	DF	NIDL	LOQ/CKQL	Units	T Tep Date	Date Alla.	Alla Met.
Acidity	463000		1	4.00	10.0	mg/L		04/25/25 13:02	SM2310 B
Alkalinity	1.00	U	1	1.00	2.00	mg/L		04/25/25 11:58	SM 2320 B-11
Ammonia as N	0.35	J	1	0.30	1.00	mg/L	04/25/25 09:20	04/25/25 12:09	SM 4500-NH3
									B plus G-11
pН	0.51	Н	1	0	0	pН		04/25/25 10:05	9040C
Phenolics	0.15	U	1	0.15	0.50	mg/L	04/25/25 14:00	04/25/25 16:34	9065
TKN	0.15	J	1	0.11	0.50	mg/L	04/25/25 08:40	04/25/25 14:07	SM4500-N Org
									C-11 plus NH3

B plus G-11

Comments: The acidity to pH 8.34=463000 mg CaCO3/L, pH result reported at temperature 20.2 °C

U = Not DetectedJ = Estimated ValueLOQ = Limit of QuantitationB = Analyte Found in Associated Method BlankMDL = Method Detection Limit* = indicates the duplicate analysis is not within control limits.LOD = Limit of DetectionE = Indicates the reported value is estimated because of the presenceD = Dilutionof interference.Q = indicates LCS control criteria did not meet requirementsOR = Over RangeH = Sample Analysis Out Of Hold TimeN = Spiked sample recovery not within control limits



Client:	METEM A GE POWER Business	Date Collected:	04/24/25 12:00
Project:	Tank Farm - Acid Analysis	Date Received:	04/24/25
Client Sample ID:	ACID-MIXTURE-TF-CONTAINMENT	SDG No.:	Q1879
Lab Sample ID:	Q1879-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Acidity	323000		1	4.00	10.0	mg/L		04/25/25 13:14	SM2310 B
Alkalinity	1.00	U	1	1.00	2.00	mg/L		04/25/25 12:00	SM 2320 B-11
Ammonia as N	68.0	OR	1	0.30	1.00	mg/L	04/25/25 09:20	04/25/25 12:09	SM 4500-NH3
									B plus G-11
рН	0.51	Н	1	0	0	pН		04/25/25 10:06	9040C
Phenolics	0.15	U	1	0.15	0.50	mg/L	04/25/25 14:00	04/25/25 16:34	9065
TKN	6.70		1	0.11	0.50	mg/L	04/25/25 08:40	04/25/25 15:12	SM4500-N Org
									C-11 plus NH3
									D 1 C 11

B plus G-11

В

Comments: The acidity to pH 8.35=323000 mg CaCO3/L, pH result reported at temperature 20.2 °C

U = Not DetectedJ = Estimated ValueLOQ = Limit of QuantitationB = Analyte Found in Associated Method BlankMDL = Method Detection Limit* = indicates the duplicate analysis is not within control limits.LOD = Limit of DetectionE = Indicates the reported value is estimated because of the presenceD = Dilutionof interference.Q = indicates LCS control criteria did not meet requirementsOR = Over RangeH = Sample Analysis Out Of Hold TimeN =Spiked sample recovery not within control limits



<u> </u>	ЪЛ			OWED D				04/24/25 1	2 00	
Client:	MI	LIEMA	GE P	OWER Bu	siness		Date Collected:	04/24/25 1	04/24/25 12:00	
Project:	Tai	nk Farm	- Acio	l Analysis			Date Received:	04/24/25		
Client Sam	ple ID: AC	CID-MIX	TUR	E-TF-CON	TAINMENTDL		SDG No.:	Q1879		
Lab Sample	e ID: Q1	Q1879-04DL				Matrix:	WATER			
							% Solid:	0		
Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	
Ammonia as N	68.9	D	5	1.50	5.00	mg/L	04/25/25 09:20	04/25/25 12:55	SM 4500-NH3 B plus G-11	

Comments:

- U = Not Detected
- LOQ = Limit of Quantitation
- MDL = Method Detection Limit
- LOD = Limit of Detection
- D = Dilution
- Q = indicates LCS control criteria did not meet requirements
- H = Sample Analysis Out Of Hold Time

- J = Estimated Value
- B = Analyte Found in Associated Method Blank
- * = indicates the duplicate analysis is not within control limits.
- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits

B



LAB CHRONICLE

OrderID: Client: Contact:	Q1879 METEM A GE POWER Busines Sundas Pervez	S		OrderDate: Project: Location:	4/24/2025 3:50:52 PM Tank Farm - Acid Analysis L41				
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received	
Q1879-01	STEM-31-SULFURIC-A CID	Water			04/23/25 21:00			04/24/25	
			Acidity	SM2310 B			04/25/25 12:35		
			Alkalinity	SM2320 B			04/25/25 11:52		
			Ammonia	SM4500-NH3		04/25/25	04/25/25 12:09		
			рН	9040C			04/25/25 10:00		
			Phenolics	9065		04/25/25	04/25/25 16:34		
			TKN	SM4500-N Org C-11 plus		04/25/25	04/25/25 14:07		
				NH3 B plus G-11					
Q1879-02	STEM-32-NITRIC-ACI D	Water			04/24/25 09:00			04/24/25	
			Acidity	SM2310 B			04/25/25 12:47		
			Alkalinity	SM2320 B			04/25/25 11:55		
			Ammonia	SM4500-NH3		04/25/25	04/25/25 12:09		
			рН	9040C			04/25/25 10:01		
			Phenolics	9065		04/25/25	04/25/25 16:34		



			LAB CHRO	NICLE				
			ТКМ	SM4500-N Org C-11 plus NH3 B plus G-11		04/25/25	04/25/25 15:12	
Q1879-03	STEM-46-NITRIC-ACI D	Water			04/24/25 09:00			04/24/25
			Acidity	SM2310 B			04/25/25 13:02	
			Alkalinity	SM2320 B			04/25/25 11:58	
			Ammonia	SM4500-NH3		04/25/25	04/25/25 12:09	
			рН	9040C			04/25/25 10:05	
			Phenolics	9065		04/25/25	04/25/25 16:34	
			TKN	SM4500-N Org C-11 plus		04/25/25	04/25/25 14:07	
				NH3 B plus G-11				
Q1879-04	ACID-MIXTURE-TF-CO NTAINMENT	Water			04/24/25 12:00			04/24/25
			Acidity	SM2310 B			04/25/25 13:14	
			Alkalinity	SM2320 B			04/25/25 12:00	
			Ammonia	SM4500-NH3		04/25/25	04/25/25 12:09	
			рН	9040C			04/25/25 10:06	
			Phenolics	9065		04/25/25	04/25/25 16:34	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		04/25/25	04/25/25 15:12	
Q1879-04DL	ACID-MIXTURE-TF-CO NTAINMENTDL	WATER			04/24/25 12:00			04/24/25

A B C





Ammonia

SM4500-NH3

04/25/25 04/25/25 12:55