

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q3743	OrderDate:	12/1/2025 9:45:00 AM
Client:	Remington & Vernick	Project:	Saddler Property
Contact:	Justin Zarzecki	Location:	A12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3743-01	TW-1125-1	WATER			11/26/25			11/26/25
			Cyanide	9012B	09:15	12/03/25	12/03/25 13:08	
Q3743-02	TW-1125-2	WATER			11/26/25			11/26/25
			Cyanide	9012B	10:00	12/03/25	12/03/25 13:08	



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TW-1125-1
Lab Sample ID: Q3743-01

Date Collected: 11/26/25 09:15
Date Received: 11/26/25
SDG No.: Q3743
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0097		1	0.00096	0.0050	mg/L	12/03/25 10:10	12/03/25 13:08	9012B

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

Report of Analysis

Client: Remington & Vernick
Project: Saddler Property
Client Sample ID: TW-1125-2
Lab Sample ID: Q3743-02

Date Collected: 11/26/25 10:00
Date Received: 11/26/25
SDG No.: Q3743
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.025		1	0.00096	0.0050	mg/L	12/03/25 10:10	12/03/25 13:08	9012B

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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: Remington & Vernick

SDG No.: Q3743

Project: Saddler Property

RunNo.: LB138097

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.093	0.099	94	90-110	12/03/2025
Sample ID: CCV1 Cyanide	mg/L	0.23	0.25	92	90-110	12/03/2025
Sample ID: CCV2 Cyanide	mg/L	0.24	0.25	96	90-110	12/03/2025
Sample ID: CCV3 Cyanide	mg/L	0.23	0.25	92	90-110	12/03/2025
Sample ID: CCV4 Cyanide	mg/L	0.24	0.25	96	90-110	12/03/2025
Sample ID: CCV5 Cyanide	mg/L	0.25	0.25	100	90-110	12/03/2025

Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick

SDG No.: Q3743

Project: Saddler Property

RunNo.: LB138097

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	0.0019	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB1 Cyanide	mg/L	0.002	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB2 Cyanide	mg/L	0.0019	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB3 Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB4 Cyanide	mg/L	0.002	0.0025	J	0.00096	0.005	12/03/2025
Sample ID: CCB5 Cyanide	mg/L	0.0018	0.0025	J	0.00096	0.005	12/03/2025

Preparation Blank Summary

Client: Remington & Vernick

SDG No.: Q3743

Project: Saddler Property

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: Cyanide	PB170792BL mg/L	0.0019	0.0025	J	0.00096	0.005	12/03/2025

Matrix Spike Summary

Client:	Remington & Vernick	SDG No.:	Q3743
Project:	Saddler Property	Sample ID:	Q3743-02
Client ID:	TW-1125-2MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.054		0.025		0.04	1	73	*	12/03/2025

Matrix Spike Summary

Client:	Remington & Vernick	SDG No.:	Q3743
Project:	Saddler Property	Sample ID:	Q3743-02
Client ID:	TW-1125-2MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.054		0.025		0.04	1	73	*	12/03/2025

Duplicate Sample Summary

Client: Remington & Vernick Project: Saddler Property Client ID: TW-1125-2DUP	SDG No.: Q3743 Sample ID: Q3743-02 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.025		0.025		1	0		12/03/2025

Duplicate Sample Summary

Client:	Remington & Vernick	SDG No.:	Q3743
Project:	Saddler Property	Sample ID:	Q3743-02
Client ID:	TW-1125-2MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.054		0.054		1	0		12/03/2025

Laboratory Control Sample Summary

Client: Remington & Vernick

SDG No.: Q3743

Project: Saddler Property

Run No.: LB138097

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170792BS							
Cyanide	mg/L	0.1	0.096		96	1	85-115	12/03/2025



RAW DATA

LB138097

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

12/3/2025 13:58

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	92.714	0.0	0.080	
ICB1	1.880	0.0	0.001	
CCV1	234.108	0.0	0.201	
CCB1	2.035	0.0	0.002	
PB170791BL	1.934	0.0	0.001	
PB170971BS	95.106	0.0	0.082	
LOWPB170791	9.802	0.0	0.008	
HIGHPB170791	490.573	0.0	0.422	
Q3742-01	3.950	0.0	0.003	
Q3742-02	11.336	0.0	0.010	
Q3742-03	4.094	0.0	0.003	
Q3742-05	10.169	0.0	0.009	
Q3742-06	11.905	0.0	0.010	
Q3742-04	2.006	0.0	0.002	
CCV2	238.361	0.0	0.205	
CCB2	1.863	0.0	0.001	
Q3742-07	2.952	0.0	0.002	
Q3742-08	5.269	0.0	0.004	
Q3742-09	4.311	0.0	0.003	
Q3742-10	1.903	0.0	0.001	
Q3742-16	3.031	0.0	0.002	
Q3742-17	4.486	0.0	0.004	
Q3742-18	4.419	0.0	0.004	
Q3742-18DUP	4.254	0.0	0.003	
Q3742-18MS	35.098	0.0	0.030	
Q3742-18MSD	35.180	0.0	0.030	
CCV3	232.288	0.0	0.200	
CCB3	1.484	0.0	0.001	
Q3746-01	2.395	0.0	0.002	
Q3748-01	2.839	0.0	0.002	
PB170792BL	1.920	0.0	0.001	
PB170792BS	96.426	0.0	0.083	
Q3743-01	9.721	0.0	0.008	
Q3743-02	25.407	0.0	0.022	
Q3743-02DUP	25.022	0.0	0.021	
Q3743-02MS	53.640	0.0	0.046	
Q3743-02MSD	53.886	0.0	0.046	
CCV4	240.347	0.0	0.207	
CCB4	2.027	0.0	0.002	
Q3743-02A	84.020	0.0	0.072	
CCV5	247.583	0.0	0.213	
CCB5	1.836	0.0	0.001	

98% (90-110)
98% (90-110) 12/03/2025
RM

N 42
Mean 56.990
SD 102.7886
CV% 180.36

Aquakem v. 7.2AQ1

Results from time period:

Wed Dec 03 12:32:20 2025

Wed Dec 03 13:54:09 2025

Sample Id	Sam/Ctr/cAl	Test short name	Test ty	Result	Result unit	Result date and time
0.0PPBCN	A	Total CN	P	1.9995	µg/l	12/3/2025 10:23:35
5.0PPBCN	A	Total CN	P	5.8553	µg/l	12/3/2025 10:23:36
10PPBCN	A	Total CN	P	9.8597	µg/l	12/3/2025 10:23:37
50PPBCN	A	Total CN	P	47.7728	µg/l	12/3/2025 10:23:38
100PPBCN	A	Total CN	P	100.2727	µg/l	12/3/2025 10:23:39
250PPBCN	A	Total CN	P	248.1551	µg/l	12/3/2025 10:23:40
500PPBCN	A	Total CN	P	501.0849	µg/l	12/3/2025 10:23:41
ICV1	S	Total CN	P	92.7137	µg/l	12/3/2025 12:32:21
ICB1	S	Total CN	P	1.88	µg/l	12/3/2025 12:32:23
CCV1	S	Total CN	P	234.1075	µg/l	12/3/2025 12:32:25
CCB1	S	Total CN	P	2.0351	µg/l	12/3/2025 12:32:26
PB170791BL	S	Total CN	P	1.9336	µg/l	12/3/2025 12:32:28
PB170971BS	S	Total CN	P	95.1061	µg/l	12/3/2025 12:39:54
LOWPB170791	S	Total CN	P	9.8015	µg/l	12/3/2025 12:39:55
HIGHPB170791	S	Total CN	P	490.5732	µg/l	12/3/2025 12:39:59
Q3742-01	S	Total CN	P	3.9495	µg/l	12/3/2025 12:40:01
Q3742-02	S	Total CN	P	11.3361	µg/l	12/3/2025 12:40:02
Q3742-03	S	Total CN	P	4.0936	µg/l	12/3/2025 12:40:03
Q3742-05	S	Total CN	P	10.1693	µg/l	12/3/2025 12:47:27
Q3742-06	S	Total CN	P	11.905	µg/l	12/3/2025 12:47:28
Q3742-04	S	Total CN	P	2.0059	µg/l	12/3/2025 12:47:31
CCV2	S	Total CN	P	238.3612	µg/l	12/3/2025 12:47:32
CCB2	S	Total CN	P	1.8626	µg/l	12/3/2025 12:47:35
Q3742-07	S	Total CN	P	2.9517	µg/l	12/3/2025 12:47:36
Q3742-08	S	Total CN	P	5.2694	µg/l	12/3/2025 12:47:37
Q3742-09	S	Total CN	P	4.3109	µg/l	12/3/2025 12:52:44
Q3742-10	S	Total CN	P	1.9031	µg/l	12/3/2025 12:52:45
Q3742-16	S	Total CN	P	3.0312	µg/l	12/3/2025 12:52:46
Q3742-17	S	Total CN	P	4.4864	µg/l	12/3/2025 12:52:47
Q3742-18	S	Total CN	P	4.4186	µg/l	12/3/2025 12:52:49
Q3742-18DUP	S	Total CN	P	4.254	µg/l	12/3/2025 13:00:20
Q3742-18MS	S	Total CN	P	35.0976	µg/l	12/3/2025 13:00:23
Q3742-18MSD	S	Total CN	P	35.1795	µg/l	12/3/2025 13:00:24
CCV3	S	Total CN	P	232.2878	µg/l	12/3/2025 13:00:28
CCB3	S	Total CN	P	1.4836	µg/l	12/3/2025 13:07:55
Q3746-01	S	Total CN	P	2.395	µg/l	12/3/2025 13:07:57
Q3748-01	S	Total CN	P	2.8386	µg/l	12/3/2025 13:07:58
PB170792BL	S	Total CN	P	1.9202	µg/l	12/3/2025 13:07:59
PB170792BS	S	Total CN	P	96.4259	µg/l	12/3/2025 13:08:01

Q3743-01	S	Total CN	P	9.7214 µg/l	12/3/2025 13:08:03
Q3743-02	S	Total CN	P	25.4071 µg/l	12/3/2025 13:08:05
Q3743-02DUP	S	Total CN	P	25.0223 µg/l	12/3/2025 13:15:30
Q3743-02MS	S	Total CN	P	53.6399 µg/l	12/3/2025 13:15:31
Q3743-02MSD	S	Total CN	P	53.8865 µg/l	12/3/2025 13:15:32
CCV4	S	Total CN	P	240.3471 µg/l	12/3/2025 13:15:38
CCB4	S	Total CN	P	2.0266 µg/l	12/3/2025 13:23:10
Q3743-02A	S	Total CN	P	84.0204 µg/l	12/3/2025 13:54:05
CCV5	S	Total CN	P	247.5828 µg/l	12/3/2025 13:54:06
CCB5	S	Total CN	P	1.8363 µg/l	12/3/2025 13:54:09

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

12/3/2025 10:25

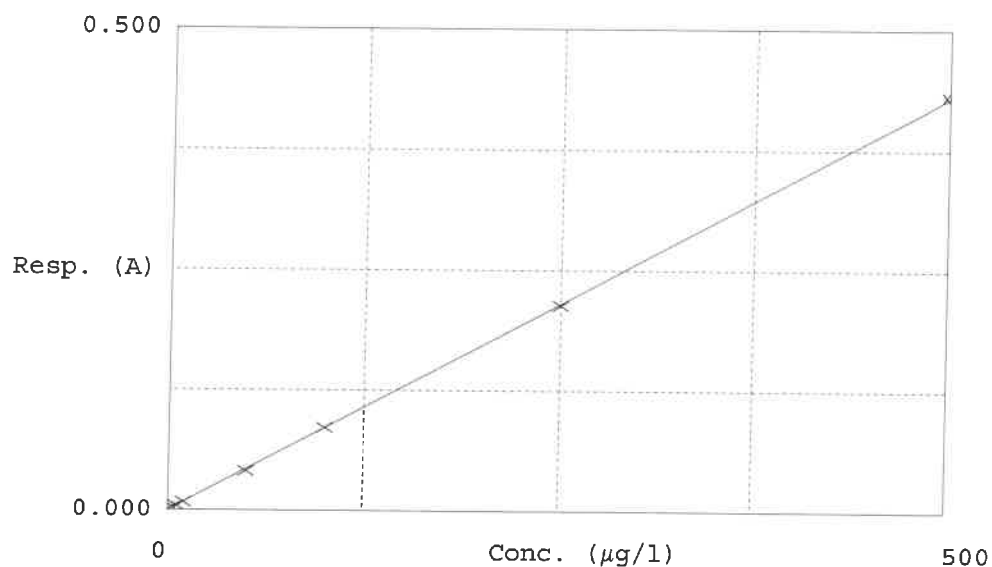
Test Total CN

Accepted 12/3/2025 10:25

Factor 1162
 Bias 0

Coeff. of det. 0.999930

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.0PPBCN	0.002	1.9995	0.0000	-
2	5.0PPBCN	0.005	5.8553	5.0000	17.1
3	10PPBCN	0.008	9.8597	10.0000	-1.4
4	50PPBCN	0.041	47.7728	50.0000	-4.5
5	100PPBCN	0.086	100.2727	100.0000	0.3
6	250PPBCN	0.213	248.1551	250.0000	-0.7
7	500PPBCN	0.431	501.0849	500.0000	0.2

12/03/2025

RM

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 12/03/2025 Time : 10:10 Temp : 124 °C

Matrix : WATER

End Digest Date: 12/03/2025 Time : 11:40 Temp : 128 °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: 

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 

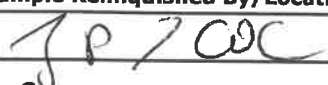
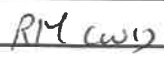
Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP115851
PBW	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCl2	2.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
Lead Acetate strip	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 PB170791
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 PB170791
LOWSTD	LOWSTD	N/A	AS PER PB170791

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/03/2025 11:50		
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170792BL	PBW792	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170792BS	LCS792	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3743-01	TW-1125-1	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3743-02	TW-1125-2	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3743-02DUP	TW-1125-2DUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3743-02MS	TW-1125-2MS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3743-02MSD	TW-1125-2MSD	50	50	>12	Negative	Negative	Negative	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cn w q3743 WorkList ID : 193403 Department : Distillation Date : 12-01-2025 13:29:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3743-01	TW-1125-1	Water	Cyanide	1:1 NaOH to pH >12	REMI01	A12	11/26/2025	9012B
Q3743-02	TW-1125-2	Water	Cyanide	1:1 NaOH to pH >12	REMI01	A12	11/26/2025	9012B

Date/Time 12/03/2025 07.30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 12/03/2025 11.00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138097

Review By	rubina	Review On	12/3/2025 4:55:27 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:56:32 PM
SubDirectory	LB138097	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115896,WP115897,WP115898,WP115899,WP115900,WP115901,WP115902		
ICV Standard	W3012		
CCV Standard	WP115897		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115905,WP114324,WP115904		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/03/25 10:23		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/03/25 10:23		rubina	OK
3	10PPBCN	10PPBCN	CAL3	12/03/25 10:23		rubina	OK
4	50PPBCN	50PPBCN	CAL4	12/03/25 10:23		rubina	OK
5	100PPBCN	100PPBCN	CAL5	12/03/25 10:23		rubina	OK
6	250PPBCN	250PPBCN	CAL6	12/03/25 10:23		rubina	OK
7	500PPBCN	500PPBCN	CAL7	12/03/25 10:23		rubina	OK
8	ICV1	ICV1	ICV	12/03/25 12:32		rubina	OK
9	ICB1	ICB1	ICB	12/03/25 12:32		rubina	OK
10	CCV1	CCV1	CCV	12/03/25 12:32		rubina	OK
11	CCB1	CCB1	CCB	12/03/25 12:32		rubina	OK
12	PB170791BL	PB170791BL	MB	12/03/25 12:32		rubina	OK
13	PB170791BS	PB170791BS	LCS	12/03/25 12:39		rubina	OK
14	LOWPB170791	LOWPB170791	SAM	12/03/25 12:39		rubina	OK
15	HIGHPB170791	HIGHPB170791	SAM	12/03/25 12:39		rubina	OK
16	Q3742-01	SB-1125-23	SAM	12/03/25 12:40		rubina	OK
17	Q3742-02	SB-1125-19	SAM	12/03/25 12:40		rubina	OK
18	Q3742-03	SB-1125-8	SAM	12/03/25 12:40		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138097

Review By	rubina	Review On	12/3/2025 4:55:27 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:56:32 PM
SubDirectory	LB138097	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115896,WP115897,WP115898,WP115899,WP115900,WP115901,WP115902		
ICV Standard	W3012		
CCV Standard	WP115897		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115905,WP114324,WP115904		

19	Q3742-05	SB-1125-21	SAM	12/03/25 12:47		rubina	OK
20	Q3742-06	SB-1125-13	SAM	12/03/25 12:47		rubina	OK
21	Q3742-04	SB-1125-9	SAM	12/03/25 12:47		rubina	OK
22	CCV2	CCV2	CCV	12/03/25 12:47		rubina	OK
23	CCB2	CCB2	CCB	12/03/25 12:47		rubina	OK
24	Q3742-07	SB-1125-18	SAM	12/03/25 12:47		rubina	OK
25	Q3742-08	SB-1125-20	SAM	12/03/25 12:47		rubina	OK
26	Q3742-09	SB-1125-22	SAM	12/03/25 12:52		rubina	OK
27	Q3742-10	SB-1125-2	SAM	12/03/25 12:52		rubina	OK
28	Q3742-16	SB-1125-1	SAM	12/03/25 12:52		rubina	OK
29	Q3742-17	SB-1125-25	SAM	12/03/25 12:52		rubina	OK
30	Q3742-18	SB-1125-24	SAM	12/03/25 12:52		rubina	OK
31	Q3742-18DUP	SB-1125-24DUP	DUP	12/03/25 13:00		rubina	OK
32	Q3742-18MS	SB-1125-24MS	MS	12/03/25 13:00		rubina	OK
33	Q3742-18MSD	SB-1125-24MSD	MSD	12/03/25 13:00		rubina	OK
34	CCV3	CCV3	CCV	12/03/25 13:00		rubina	OK
35	CCB3	CCB3	CCB	12/03/25 13:07		rubina	OK
36	Q3746-01	ROW	SAM	12/03/25 13:07		rubina	OK
37	Q3748-01	AU-05-12-1-2025	SAM	12/03/25 13:07		rubina	OK
38	PB170792BL	PB170792BL	MB	12/03/25 13:07		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138097

Review By	rubina	Review On	12/3/2025 4:55:27 PM
Supervise By	Iwona	Supervise On	12/3/2025 4:56:32 PM
SubDirectory	LB138097	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115896,WP115897,WP115898,WP115899,WP115900,WP115901,WP115902		
ICV Standard	W3012		
CCV Standard	WP115897		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115905,WP114324,WP115904		

39	PB170792BS	PB170792BS	LCS	12/03/25 13:08		rubina	OK
40	Q3743-01	TW-1125-1	SAM	12/03/25 13:08		rubina	OK
41	Q3743-02	TW-1125-2	SAM	12/03/25 13:08		rubina	OK
42	Q3743-02DUP	TW-1125-2DUP	DUP	12/03/25 13:15		rubina	OK
43	Q3743-02MS	TW-1125-2MS	MS	12/03/25 13:15		rubina	OK
44	Q3743-02MSD	TW-1125-2MSD	MSD	12/03/25 13:15		rubina	OK
45	CCV4	CCV4	CCV	12/03/25 13:15		rubina	OK
46	CCB4	CCB4	CCB	12/03/25 13:23		rubina	OK
47	Q3743-02A	TW-1125-2A	PS	12/03/25 13:54		rubina	OK
48	CCV5	CCV5	CCV	12/03/25 13:54		rubina	OK
49	CCB5	CCB5	CCB	12/03/25 13:54		rubina	OK

Prep Standard - Chemical Standard Summary

Order ID : Q3743

Test : Cyanide

Prepbatch ID : PB170792,

Sequence ID/Qc Batch ID: LB138097,

Standard ID :

WP113836,WP113838,WP114324,WP115334,WP115335,WP115851,WP115895,WP115896,WP115897,WP115898,WP
115899,WP115900,WP115901,WP115902,WP115904,WP115905,

Chemical ID :

M6151,M6186,W2668,W3012,W3019,W3112,W3113,W3139,W3152,W3182,W3203,W3224,W3241,W3257,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
11	Sodium hydroxide absorbing solution 0.25 N	WP113836	07/08/2025	12/31/2025	Rubina Mughal	WETCHEM_S CALE_8 (WC SC-7)	None	Iwona Zarych 07/08/2025
<u>FROM</u>	21.00000L of W3112 + 210.00000gram of W3113 = Final Quantity: 21.000 L							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3371	Cyanide LCS Spike Solution, 5PPM	WP113836	07/08/2025	12/24/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 07/08/2025
FROM 1.00000ml of W3224 + 199.00000ml of WP113836 = Final Quantity: 200.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
607	PYRIDINE-BARBITURIC ACID	WP114324	08/19/2025	02/17/2026	Rubina Mughal	WETCHEM_SCALE_5 (WCS-5)	Glass Pipette-A	Jignesh Parikh 08/19/2025
<u>FROM</u>	145.00000ml of W3112 + 15.00000gram of W3203 + 15.00000ml of M6151 + 75.00000ml of W3019 = Final Quantity: 250.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1714	Sulfuric Acid, 50% (v/v)	WP115334	10/27/2025	04/27/2026	Rubina Mughal	None	None	Jignesh Parikh 10/27/2025
<u>FROM</u> 500.00000ml of M6186 + 500.00000ml of W3112 = Final Quantity: 1000.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3214	Magnesium Chloride For Cyanide 2.5M(51%W/V)	WP115335	10/27/2025	04/27/2026	Rubina Mughal	WETCHEM_SCALE_8 (WC-7)	None	Jignesh Parikh 10/27/2025
<u>FROM</u> 500.00000ml of W3112 + 510.00000gram of W3152 = Final Quantity: 1000.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3850	Cyanide MS-MSD spiking solution, 5PPM	WP115851	12/01/2025	12/31/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3	Iwona Zarych
<u>FROM</u>		1.00000ml of W3257 + 199.00000ml of WP113836 = Final Quantity: 200.000 ml						



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3456	Cyanide Intermediate Working Std, 5PPM	WP115895	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3	Iwona Zarych
<p>(WC)</p> <p>FROM 0.25000ml of W3257 + 49.75000ml of WP113836 = Final Quantity: 50.000 ml</p>								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4	Calibration standard 500 ppb	WP115896	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 12/03/2025
<u>FROM</u> 45.00000ml of WP113836 + 5.00000ml of WP115895 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3761	Calibration-CCV CN Standard 250 ppb	WP115897	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3	Iwona Zarych
<p>FROM 2.50000ml of WP115895 + 47.50000ml of WP113836 = Final Quantity: 50.000 ml</p>								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
6	Calibration Standard 100 ppb	WP115898	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 12/03/2025
<u>FROM</u> 1.00000ml of WP115895 + 49.00000ml of WP113836 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
7	Calibration Standard 50 ppb	WP115899	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 12/03/2025
<u>FROM</u> 0.50000ml of WP115895 + 49.50000ml of WP113836 = Final Quantity: 50.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
8	Calibration Standard 10 ppb	WP115900	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3 (WC)	Iwona Zarych 12/03/2025
<u>FROM</u> 1.00000ml of WP115896 + 49.00000ml of WP113836 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
9	Calibration Standard 5 ppb	WP115901	12/03/2025	12/04/2025	Rubina Mughal	None	WETCHEM_PIPETTE_3	Iwona Zarych
FROM 0.50000ml of WP115896 + 49.50000ml of WP113836 = Final Quantity: 50.000 ml <div></div>								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipettelID</u>	<u>Supervised By</u>
167	0 ppb CN calibration std	WP115902	12/03/2025	12/04/2025	Rubina Mughal	None	None	Iwona Zarych 12/03/2025
<u>FROM</u> 50.00000ml of WP113836 = Final Quantity: 50.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1582	Chloramine T solution, 0.014M	WP115904	12/03/2025	12/04/2025	Rubina Mughal	WETCHEM_S CALE_5 (WC SC-5)	Glass Pipette-A	Iwona Zarych 12/03/2025
<u>FROM</u>	0.08000gram of W3139 + 20.00000ml of W3112 = Final Quantity: 20.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
539	CN BUFFER	WP115905	12/03/2025	06/03/2026	Rubina Mughal	WETCHEM_SCALE_6 (M SC-4)	None	Iwona Zarych 12/03/2025
<u>FROM</u> 138.00000gram of W2668 + 862.00000ml of W3112 = Final Quantity: 1000.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22G2862015	02/17/2026	02/18/2025 / Sagar	01/15/2025 / Sagar	M6151

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	23D2462010	07/12/2026	08/13/2025 / Sagar	08/06/2025 / Sagar	M6186

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	J3818-5 / SODIUM PHOSPHATE, MONOBAS/HYD, CRYST, ACS, 2.5 KG	0000225799	12/03/2025	04/05/2021 / Alexander	02/10/2020 / apatel	W2668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	/ ICV-CN	ICV6-400	12/31/2025	01/08/2025 / Iwona	02/20/2020 / Iwona	W3012

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
SIGMA ALDRICH	270970-1L / Pyridine 1L	SHBQ2113	04/03/2028	04/03/2023 / Iwona	04/03/2023 / Iwona	W3019

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-7 / Sodium Hydroxide Pellets 12 Kg	23B1556310	12/31/2025	07/08/2024 / Iwona	07/08/2024 / Iwona	W3113

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	JTE494-6 / CHLORAMINE-T BAKER 250GM	10239484	09/09/2029	09/09/2024 / Iwona	09/09/2024 / Iwona	W3139

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	01237-10KG / Magnesium Chloride Hexahydrate ACS 10KG	002126-2019-201	11/25/2029	11/25/2024 / Iwona	11/25/2024 / Iwona	W3152

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	470112-662 / TEST STRIPES, NITRATE/NITRITE, PK50	436101	04/30/2027	08/05/2025 / Iwona	02/26/2025 / Iwona	W3182

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	EM-BX0035-3 / Barbituric Acid, 100 gms	WXBF3271V	05/16/2029	04/21/2025 / Iwona	04/21/2025 / Iwona	W3203

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	LC135457 / Cyanide Standard, 1000 PPM, Second Source	45060288	12/24/2025	07/07/2025 / Iwona	07/07/2025 / Iwona	W3224

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	140444 / TEST PAPERS,PH 0-14,.5 SENSI,100PK	10BDH15251	04/30/2029	10/02/2025 / Iwona	10/02/2025 / Iwona	W3241

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	RC2543-4 / CYANIDE STD 1000PPM 4OZ	15100125	03/31/2026	11/19/2025 / Iwona	11/19/2025 / Iwona	W3257

W3019
rec 4/3/23

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Pyridine - anhydrous, 99.8%

Product Number:

270970

Batch Number:

SHBQ2113

Brand:

SIAL

CAS Number:

110-86-1

MDL Number:

MFCD00011732

Formula:

C₅H₅N

Formula Weight:

79.10 g/mol

Quality Release Date:

15 DEC 2022



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.75 %	99.99 %
Water (by Karl Fischer)	≤ 0.003 %	0.002 %
Residue on Evaporation	≤ 0.0005 %	< 0.0001 %


Larry Coers, Director

Quality Control

Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.





R: 02/20/20
53

Instructions for QATS Reference Material: *Inorganic ICV Solutions*

For ICP-MS use: dilute the ICV1 concentrate 50-fold with 1% (v/v) nitric acid; pipet 2 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415

For the cold vapor analysis of mercury by AA: dilute the ICV5 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400

For the analysis of cyanide: dilute the ICV6 concentrate 100-fold with Type II water; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS

ICV1-1014		
Element	Concentration (µg/L) (after 10-fold dilution)	Concentration (µg/L) (after 50-fold dilution)
Al	2520	504
Sb	1010	202
As	997	199
Ba	518	104
Be	514	103
Cd	514	103
Ca	10000	2000
Cr	517	103
Co	521	104
Cu	505	101
Fe	10100	2020
Pb	1030	206
Mg	5990	1198
Mn	524	105
Ni	525	105
K	9940	1988
Se	1030	206
Ag	252	50
Na	10100	2020
Tl	1040	208
V	504	101
Zn	1010	202

ICV5-0415		ICV6-0400	
Element	Concentration (µg/L) (after 100-fold dilution)	Analyte	Concentration (µg/L) (after 100-fold dilution)
Hg	4.0	CN ⁻	99

W3011
W3012
W3013
W3014
W3015

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantor™**



M6151

R → 11/15/25

Material No.: 9530-33
Batch No.: 22G2862015
Manufactured Date: 2022-06-15
Retest Date: 2027-06-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.9 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.191
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl ₂)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO ₄)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO ₃)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH ₄)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	1.3 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	163.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.7 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.6 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantorsm**



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.9 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	0.8 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.3 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	1.6 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	4.0 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	1.5 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	0.3 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA–ANALYZED® Reagent
For Trace Metal Analysis



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
------	---------------	--------

For Laboratory, Research, or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

A handwritten signature in cursive script that reads 'Jamie Ethier'.
Jamie Ethier
Vice President Global Quality

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



M6186

Recieve Date :- 08/06/25

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H ₂ SO ₄)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO ₂)	≤ 2 ppm	< 2 ppm
Ammonium (NH ₄)	≤ 1 ppm	1 ppm
Chloride (Cl)	≤ 0.1 ppm	< 0.1 ppm
Nitrate (NO ₃)	≤ 0.2 ppm	< 0.1 ppm
Phosphate (PO ₄)	≤ 0.5 ppm	< 0.1 ppm
Trace Impurities - Aluminum (Al)	≤ 30.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Nickel (Ni)	≤ 2.0 ppb	0.3 ppb
Trace Impurities - Potassium (K)	≤ 500.0 ppb	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium



Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

A handwritten signature in cursive script that reads 'Jamie Ethier'.
Jamie Ethier
Vice President Global Quality

Sodium Phosphate, Monobasic, Monohydrate,
Crystal
BAKER ANALYZED® A.C.S. Reagent

(sodium dihydrogen phosphate, monohydrate)



Material No.: 3818-05
Batch No.: 0000225799
Manufactured Date: 2018/12/05
Retest Date: 2025/12/03
Revision No: 1

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

Test	Specification	Result
Assay ($\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$)	98.0 – 102.0 %	99.5
pH of 5% Solution at 25°C	4.1 – 4.5	4.3
Insoluble Matter	≤ 0.01 %	< 0.01
Chloride (Cl)	≤ 5 ppm	< 5
ACS – Sulfate (SO_4)	≤ 0.003 %	< 0.003
Calcium (Ca)	≤ 0.005 %	< 0.005
Potassium (K)	≤ 0.01 %	< 0.01
Heavy Metals (as Pb)	≤ 0.001 %	< 0.001
Trace Impurities – Iron (Fe)	≤ 0.001 %	< 0.001

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: IN
Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



Certificate of Analysis



Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

Pellets

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.



Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

Pellets

Spec Set: 0583ACS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

W3139 Received on 9/9/24 by IZ

Product No.: A12044
Product: Chloramine-T trihydrate, 98%
Lot No.: 10239484

Appearance:	White powder
Melting Point:	166°C(dec)
Assay (Iodometric titration):	100.5%
Identification (FTIR):	Conforms

Order our products online thermofisher.com/chemicals

This document has been electronically generated and does not require a signature.

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Chem-Impex International, Inc.

Tel: (630) 766-2112**E-mail: sales@chemimpex.com****Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218**Web site: www.chemimpex.com****Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01237
Lot Number	002126-2019-201
Product	Magnesium chloride hexahydrate

Magnesium chloride•6H₂O

CAS Number	7791-18-6
Molecular Formula	MgCl ₂ •6H ₂ O

Molecular Weight	203.3
-------------------------	-------

Appearance	White crystals
Solubility	167 g in 100 mL water
Melting Point	~ 115 °C
Heavy Metals	4.393 ppm
Anion	Nitrate (NO ₃) : < 0.001% Phosphate (PO ₄) : < 5 ppm Sulfate (SO ₄) : < 0.002%
Cation	Ammonium (NH ₄) : < 0.002% Barium (Ba) : 0.005% Calcium (Ca) : 0.01% Iron (Fe) : 4.5 ppm Manganese (Mn) : 0.624 ppm Potassium (K) : 0.004% Sodium (Na) : 0.000003% Strontium (Sr) : 0.005%
Insoluble material	0.0021%
Assay by titration	100.83%
Grade	ACS reagent
Storage	Store at RT

Certificate of Analysis

Catalog Number: 01237

Lot Number: 002126-2019-201

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

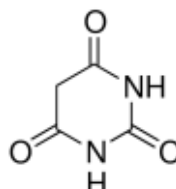
Bala Kumar
Quality Control Manager

Certificate of Analysis

Product Name:

Barbituric acid - ReagentPlus®, 99%

Product Number: 185698
Batch Number: WXBFB3271V
Brand: SIAL
CAS Number: 67-52-7
Formula: C₄H₄N₂O₃
Formula Weight: 128.09 g/mol
Quality Release Date: 16 MAY 2024



Test	Specification	Result
Appearance (Colour)	White to Off-White	White
Appearance (Form)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms
Purity (Titration by NaOH)	98.5 - 101.5 %	100.4 %
GC (area %)	≥ 98 %	100 %
VPCT		



Kang Chen
Quality Manager
Wuxi, China CN

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.





Part of TCP Analytical Group

Jackson's Pointe Commerce Park- Building 1000
1010 Jackson's Pointe Court, Zelienople, PA 16063

Certificate of Analysis

Cyanide Standard 1000 ppm (1ml = 1mg CN)

Product Code: **LC13545**

Manufacture Date: June 25, 2025

Lot Number: **45060288**

Expiration Date: December 24, 2025

Test	Specification	Result
Appearance (clarity)	clear solution	clear solution
Appearance (color)	colorless	colorless
Concentration (CN)	0.990 - 1.010mg/mL	1.000mg/mL
Concentration (CN)	990 - 1,010ppm	1,000ppm
Traceable to NIST SRM	Report	999b

Intended Use - Product is intended for use in manufacturing procedures and laboratory procedures and protocols.

Storage Information - Unless noted on the product label, store the product under normal lab conditions in its tightly closed, original container. Do not pipet directly from the container or return unused portions to the container.

Instructions for Handling and Use - Please refer to the associated product label and Safety Data Sheet (SDS) for information regarding safety and handling of this product.

Preparation - All products are manufactured and tested according to established, documented procedures and methodology. Production documentation records manufacturing data, raw material traceability and testing history on a per lot basis. Balances, thermometers, and glassware are calibrated before first use and on a regular schedule with references traceable to NIST

The suffix of the product code may differ from what is on your product label. The suffix will designate the size and be associated with a numeric digit(s). Visit LabChem.com for more information

Suffix	1	2	3/3S/36/36S	4/4C	5	6	7	8	9	20	44	200	246	486
Size	500mL org	1L or 1kg	2.5L/2.5L Coated/6x2.5L/6x2.5L Coated	4L	20L	10L	125mL	25g	100g	20x20mL	4x4L	200L	24x6mL	48x6mL

Michael Monteleone

Michael Monteleone
Chemistry Supervisor - Quality Control
20250703 15:30:45ahoffman-0-0

ISO9001:2015 Registration #0306-01

Certificate of Analysis

Cyanide Standard, 1000 ppm CN⁻

Lot Number: 15100125

Product Number: 2543

Manufacture Date: OCT 06, 2025

Expiration Date: MAR 2026

This standard is prepared using accurate volumetric techniques from material that has been assayed against Silver Nitrate solution certified traceable to NIST Standard Reference Material 999. The certified value reported is the prepared value based upon the method of preparation of the material. The uncertainty in the prepared value is the combined uncertainty based on the stability of the assayed Potassium Cyanide, and the uncertainty in the mass and volume measurements.

Use 0.16% (w/v) (0.04 N) Sodium Hydroxide or 0.225 % (w/v) (0.04 N) Potassium Hydroxide to make dilutions of this standard. Restandardize weekly if extreme accuracy is required.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent (from ACS)
Potassium Cyanide	151-50-8	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed
Cyanide (CN ⁻)	995-1005 ppm	1000 ppm

Specification	Reference
Stock Standard Cyanide Solution	APHA (4500-CN- F)
Stock Cyanide Solution	APHA (4500-CN- E)
Stock Cyanide Solution	APHA (4500-CN- K)
Stock Cyanide Solution	APHA (4500-CN- H)
Cyanide Reference Solution (1000 mg/L)	EPA (SW-846) (7.3.3.2)
Cyanide Calibration Stock Solution (1,000 mg/L CN ⁻)	EPA (SW-846) (9213)
Stock Cyanide Solution	EPA (335.3)
Stock Cyanide Solution	EPA (335.2)
Cyanide Solution Stock	ASTM (D 4282)
Simple Cyanide Solution, Stock (1.0 g/L CN ⁻)	ASTM (D 4374)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
2543-4	120 mL amber poly	6 months

Recommended Storage: 2°C - 8°C (36°F - 46°F)



Ernest Mahan (10/06/2025)
Plant Manager

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson eRVE.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Saddler Property
PROJECT NO.: 04001003 LOCATION: Camden, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: Kyle.Carlson@RVE.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: AP Invoices eRVE.com PO#: 04001003
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carlson PHONE: 609-682-3049

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☒ EDD FORMAT NJ HazSite

1: PCB
2: Pesticide TCL
3: SVOC-TCL-BNA20
4: VOC-TCL-VOA+ID
5: VOC SIM
6: Heavy Metals TCLICP
7: Cyanide
8:
9:

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES								COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		E	E	E	A	A	B	D		
1.	TW - 1125-1	GW		X	11/26/25	915	9	1	1	1	2	2	1	1		
2.	TW - 1125-2	GW		X	11/26/25	1000	9	1	1	1	2	2	1	1		
3.	TB				11/26/25	1000	2				2					
4.	TB				11/26/25	1000	2				2					
5.	TB				11/26/25	1000	2					2				
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Sutton Zook eRVE.com</u>	DATE/TIME: <u>11/26/25</u>	RECEIVED BY: <u>[Signature]</u> <u>11-26-25</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>2.8</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: <u>11-26-25</u>	RECEIVED BY: 3.	Page <u>1</u> of <u>1</u> CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3743	REMI01	Order Date : 12/1/2025 9:45:00 AM	Project Mgr : Deepak
Client Name : Remington & Vernick		Project Name : Sadler Property	Report Type : Level 1
Client Contact : Justin Zarzecki		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : EXCEL-NICLEANUP
Invoice Name : Remington & Vernick		Purchase Order :	Hard Copy Date : <i>HT Redwood</i>
Invoice Contact : Justin Zarzecki			Date Signoff : 12/1/2025 1:00:29 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3743-01	TW-1125-1	Water	11/26/2025	09:15	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-02	TW-1125-2	Water	11/26/2025	10:00	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-03	TB	Water	11/26/2025	10:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-04	TB	Water	11/26/2025	10:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3743-05	TB	Water	11/26/2025	10:00	VOC-SIM		SFAM_VOCSIM	10 Bus. Days	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3743	REMI01	Order Date : 12/1/2025 9:45:00 AM	Project Mgr : Deepak
Client Name : Remington & Vernick		Project Name : Sadler Property	Report Type : Level 1
Client Contact : Justin Zarzecki		Receive DateTime : 11/26/2025 6:20:00 PM	EDD Type : EXCEL NUCLEONUP
Invoice Name : Remington & Vernick		Purchase Order :	Hard Copy Date : <i>MS Pedney</i>
Invoice Contact : Justin Zarzecki			Date Signoff : 12/1/2025 1:00:29 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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*Spinel in ref
ref # 04*

Relinquished By : *[Signature]*

Date / Time : 12/1/25 1421

Received By : *[Signature]*

Date / Time : 12/1/25 14:30

Storage Area : VOA Refridgerator Room