

DATA PACKAGE GENERAL CHEMISTRY

PROJECT NAME: FORMER SCHLUMBERGER SITE PRINCETON NJ

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID: P3429

ATTENTION: Mary I. Murphy





47

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

Cover Page

Order ID: P3429

Project ID: Former Schlumberger Site Princeton NJ

Client: JACOBS Engineering Group, Inc.

Lab Sample Number

Client Sample Number

P3429-01 926-K1-WS-073124 P3429-02 931-K1-WS-073124 P3429-03 925-K1-WS-073124 P3429-04 TB-01-073124

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature:

N. N. Pandya

AFFROVED

By Nimisha Pandya QA/QC Supervisor at 11:02 am, Aug 16, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3429

Test Name: Hexavalent Chromium

A. Number of Samples and Date of Receipt:

4 Water samples were received on 07/31/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Metals Group4, SVOC-SIMGroup1, SVOCMS Group3, SVOCMS Group6 and VOCMS Group6. This data package contains results for Hexavalent Chromium.

C. Analytical Techniques:

The analysis of Hexavalent Chromium was based on method 7196A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature N. N. Pandya

APPROVED

By Nimisha Pandya QA/QC Supervisor at 11:02 am, Aug 16, 2024

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following "Results Qualifiers" are used:

1 0	
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
Е	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 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

QA Control # A3040961

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Sample Analysis Out Of Hold Time

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P3429 MATRIX: Water METHOD: 7196A NA NO YES 1. Blank Contamination - If yes, list compounds and concentrations in each blank: 2. Matrix Spike Duplicate Recoveries Met Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples. 3. Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. 8. Digestion Holding Time Met If not met, list number of days exceeded for each sample: ADDITIONAL COMMENTS: 5. M. Jodhemi
QA REVIEW REVIEWED

By Sohil Jodhani, QA/QC Director at 10:07 am, Aug 16, 2024

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3429

Τυματίπ. 1342)	
	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u> </u>
Is the chain of custody signed and complete	<u>√</u> <u>√</u> <u>√</u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	<u>✓</u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u> </u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u>✓</u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	\frac{\sqrt{\sq}}}}}}}}}}} \simptintites \sqrt{\sq}}}}}}}}}}} \signtimes \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}} \sintimes \sqrt{\sqrt{\sqrt{\sq}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sint{\sq}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \simptimes \sqrt{\sqrt{\sq}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{
Were the samples received within hold time	<u> </u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u> </u>
Was client requirement followed?	<u> </u>
Does the case narrative summarize all QC failure?	√ √ √
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	

1st Level QA Review Signature:

SOHIL JODHANI

APPROVED

Date: 08/02/2024

2nd Level QA Review Signature:

P3429-GENCHEM

N. N. Pandya

By Nimisha Pandya QA/QC Supervisor at 11:02 am, Aug 16, 2024

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LAB CHRONICLE

OrderID: P3429 OrderDate: 7/31/2024 4:38:00 PM

Client: JACOBS Engineering Group, Inc. Project: Former Schlumberger Site Princeton NJ

Contact: Mary I. Murphy Location: D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3429-01	926-K1-WS-073124	WATER			07/31/24 14:00			07/31/24
			Hexavalent Chromium	7196A			08/01/24 10:45	
P3429-02	931-K1-WS-073124	WATER			07/31/24 14:50			07/31/24
			Hexavalent Chromium	7196A	- 112 -		08/01/24 10:48	
P3429-03	925-K1-WS-073124	WATER			07/31/24 15:15			07/31/24
			Hexavalent Chromium	7196A			08/01/24 10:49	

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SAMPLE DATA

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Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 07/31/24 14:00

Project: Former Schlumberger Site Princeton NJ Date Received: 07/31/24

Client Sample ID: 926-K1-WS-073124 SDG No.: P3429

Lab Sample ID: P3429-01 Matrix: WATER

% Solid: 0

Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana. Ana Met.	
Dissolved Hexavalent	0.0030 U	1 0.0030	0.010	mg/L		08/01/24 10:45 7196A	
Chromium							

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

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Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 07/31/24 14:50

Project: Former Schlumberger Site Princeton NJ Date Received: 07/31/24

Client Sample ID: 931-K1-WS-073124 SDG No.: P3429

Lab Sample ID: P3429-02 Matrix: WATER

% Solid: 0

Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent	0.0030 J	1 0.0030	0.010	mg/L		08/01/24 10:48	7196A
Chromium							

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

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Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 07/31/24 15:15

Project: Former Schlumberger Site Princeton NJ Date Received: 07/31/24

Client Sample ID: 925-K1-WS-073124 SDG No.: P3429

Lab Sample ID: P3429-03 Matrix: WATER

% Solid: 0

Parameter	Conc. Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana. Ana	Met.
Dissolved Hexavalent	0.0030 J	1 0.0030	0.010	mg/L		08/01/24 10:49 719	6A
Chromium							

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

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QC RESULT SUMMARY



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Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ RunNo.: LB131824

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Hexavalent	ICV Chromium	mg/L	0.500	0.5	100	90-110	08/01/2024
Sample ID: Hexavalent	CCV1 Chromium	mg/L	0.505	0.5	101	90-110	08/01/2024
Sample ID: Hexavalent	CCV2 Chromium	mg/L	0.507	0.5	101	90-110	08/01/2024

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Initial and Continuing Calibration Blank Summary

Client:	JACOBS Engineering Group, Inc.	SDG No.:	P3429
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Project: Former Schlumberger Site Princeton NJ RunNo.: LB131824

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/01/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/01/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	08/01/2024

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Preparation Blank Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB1318 Hexavalent Chromium		< 0.0050	0.0050	U	0.003	0.01	08/01/2024

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Matrix Spike Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ **Sample ID:** P3429-01

Client ID: 926-K1-WS-073124MS Percent Solids for Spike Sample: 0

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
Hexavalent Chromium	mg/L	90-111	1.05		0.0030	U	1.0	2	105		08/01/2024

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Fax: 908 789 8922

Matrix Spike Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ **Sample ID:** P3429-01

Client ID: 926-K1-WS-073124MSD Percent Solids for Spike Sample: 0

		Acceptance	Spiked	Conc.	Sample	Conc.	Spike	Dilution	%		Analysis
Analyte	Units	Limit %R	Result	Qualifier	Result	Qualifier	Added	Factor	Rec	Qual	Date
Hexavalent Chromium	mg/L	90-111	1.05		0.0030	U	1.0	2	105		08/01/2024

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ **Sample ID:** P3429-01

Client ID: 926-K1-WS-073124DUP Percent Solids for Spike Sample: 0

		Acceptance	Sample	Conc.	Duplicate	Conc.	Dilution	RPD/		Analysis	
Analyte	Units	Limit	Result	Qualifie	Result	Qualifie	Factor	AD	Qual	Date	
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		08/01/2024	

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ **Sample ID:** P3429-01

Client ID: 926-K1-WS-073124MSD Percent Solids for Spike Sample: 0

		Acceptance	Sample	Conc.	Duplicate	Conc.	Dilution	RPD/		Analysis	
Analyte	Units	Limit	Result	Qualifie	Result	Qualifie	Factor	AD	Qual	Date	
Hexavalent Chromium	mg/L	+/-20	1.05		1.05		2	0		08/01/2024	

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Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. SDG No.: P3429

Project: Former Schlumberger Site Princeton NJ Run No.: LB131824

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB131824BS								
Heyayalent Chromium	mg/L	0.5	0.50		101	1	90_111	08/01/2024

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RAW DATA



Analytical Summary Report

Reviewed By: Iwona On: 8/1/2024 12:31:38 PM Inst Id :SPECTROPHOTOME

Analysis Method: 7196A ANALYST: Niha

Parameter: Hexavalent Chromium SUPERVISOR REVIEW BY: Iwona

Run Number: LB131824 pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108953
Calibration Std. hexchrome 0.05 ppm	WP108952
calibration std. hexchrome 0.01 ppm	WP108950
calibration std. hexchrome 0 ppm	WP108949
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
Hex LOQ Std, 0.01PPM	WP108956
Calibration Std Hexachrome 0.025 ppm	WP108951
Hexavalent Chromium ICV-LCS Std	WP108957
Calibration and CCV std HexChrome 0.5PPM	WP108954
Calibration std HexChrome 1.0PPM	WP108955

Intercept: -0.0001 Slope: 0.7839 Regression: 0.99999

		True Value		Initial Vol	Final Vol	pН	рН	Absorb.at	540nm	Absorbance	Result	%D	Anal	Anal
Seq	Lab ID	(mg/1)	DF	(ml)	(ml)	HN03	H2SO4	Backgrnd	Color	Difference	(mg/L)		Date	Time
1	CAL1	0	1	100	100		2.29	0.000	0.000	0.000	0.000		08/01/2024	10:30
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	0.009	-10	08/01/2024	10:31
3	CAL3	0.025	1	100	100		2.18	0.000	0.019	0.019	0.024	-4	08/01/2024	10:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	08/01/2024	10:33
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.103	3	08/01/2024	10:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.498	-0.4	08/01/2024	10:35
7	CAL7	1	1	100	100		1.76	0.000	0.784	0.784	1.000	0	08/01/2024	10:36



Analytical Summary Report



Analysis Method: 7196A ANALYST: Niha

Parameter: Hexavalent Chromium SUPERVISOR REVIEW BY: Iwona

Run Number: LB131824 pH Meter ID:ph Meter-1

		True Value		Initial Vol	Final Vol	pН	рН	Absorb.a	t540nm	Absorbance	Intermediate	Anal	Anal
Seq	Lab ID		DF	(ml/gm)	(ml)	HN03	H2SO4	Backgrnd	Color	Difference	Result (mg/L)	Date	Time
1	ICV	0.5	1	100	100		1.96	0.000	0.392	0.392	0.500	08/01/2024	10:37
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.000	08/01/2024	10:38
3	CCV1	0.5	1	100	100		2.47	0.000	0.396	0.396	0.505	08/01/2024	10:39
4	CCB1		1	100	100		2.35	0.000	0.000	0.000	0.000	08/01/2024	10:40
5	RL Check	0.01	1	100	100		1.79	0.000	0.007	0.007	0.009	08/01/2024	10:41
6	LB131824BL		1	100	100		1.84	0.000	0.001	0.001	0.001	08/01/2024	10:42
7	LB131824BS	0.5	1	100	100		2.11	0.000	0.394	0.394	0.503	08/01/2024	10:43
8	P3390-09		1	100	100		2.27	0.000	0.003	0.003	0.004	08/01/2024	10:44
9	P3429-01		1	100	100		1.85	0.005	0.005	0.000	0.000	08/01/2024	10:45
10	P3429-01DU		1	100	100		1.73	0.005	0.006	0.001	0.001	08/01/2024	10:46
11	P3429-01MS	1	2	100	100		2.08	0.005	0.415	0.410	0.523	08/01/2024	10:46
12	P3429-01MS	1	2	100	100		2.02	0.004	0.414	0.410	0.523	08/01/2024	10:47
13	P3429-02		1	100	100		1.93	0.011	0.013	0.002	0.003	08/01/2024	10:48
14	P3429-03		1	100	100		1.89	0.005	0.007	0.002	0.003	08/01/2024	10:49
15	CCV2	0.5	1	100	100		2.08	0.000	0.397	0.397	0.507	08/01/2024	10:50
16	CCB2		1	100	100		2.41	0.000	0.001	0.001	0.001	08/01/2024	10:51

Reviewed By:Iwona On:8/1/2024 12:31:38 PM Inst Id :SPECTROPHOTOME

NP(WC

Date: 08-01-2024 09:42:19

Collect Date Method

Raw Sample

07/29/2024 7196A 07/31/2024 7196A 07/31/2024 7196A 07/31/2024 7196A

> Ammonium sulfate buffer Ammonium sulfate buffer

Hexavalent Chromium Hexavalent Chromium

Hexavalent Chromium

Ammonium sulfate buffer

Cool 4 deg C

Hexavalent Chromium

Water Water Water Water

MDL-WATER-03-QT3-2024

P3390-09

926-K1-WS-073124 931-K1-WS-073124 925-K1-WS-073124

> P3429-02 P3429-03

P3429-01

WORKLIST(Hardcopy Internal Chain)

182270

WorkList ID:

HEX-080124-2

Preservative

Test

Matrix

Customer Sample

Department: Wet-Chemistry

L B131824

08/01/24 Raw Sample Relinquished by: Storage Location Raw Sample Received by: QAO D31 **D31 D31** Date/Time CHEM02 Customer JACO05 JACO05 JACO05

Raw Sample Received by:

Raw Sample Relinquished by:

Sample

Date/Time



Instrument ID:

SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB131824

Review By	Nih	a	Review On	8/1/2024 12:29:30 PM							
Supervise By	lwo	ona	Supervise On	8/1/2024 12:31:38 PM							
SubDirectory	LB′	131824	Test	Hexavalent Chromium							
STD. NAME		STD REF.#									
ICAL Standard		N/A									
ICV Standard		N/A									
CCV Standard		N/A									
ICSA Standard		N/A									
CRI Standard		N/A									
LCS Standard		N/A									
Chk Standard		WP108953,WP108952,	WP108950,WP108949,WP108907,WP	107791,WP108956,WP108951,WP108957,WP108954							

Sr#	Sampleld	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/01/24 10:30		lwona	ОК
2	CAL2	CAL2	CAL	08/01/24 10:31		lwona	ОК
3	CAL3	CAL3	CAL	08/01/24 10:32		lwona	ок
4	CAL4	CAL4	CAL	08/01/24 10:33		lwona	ОК
5	CAL5	CAL5	CAL	08/01/24 10:34		lwona	ОК
6	CAL6	CAL6	CAL	08/01/24 10:35		lwona	ОК
7	CAL7	CAL7	CAL	08/01/24 10:36		lwona	ок
8	ICV	ICV	ICV	08/01/24 10:37		lwona	ОК
9	ICB	ICB	ICB	08/01/24 10:38		lwona	ОК
10	CCV1	CCV1	CCV	08/01/24 10:39		Iwona	ОК
11	CCB1	CCB1	ССВ	08/01/24 10:40		lwona	ОК
12	RL Check	RL Check	SAM	08/01/24 10:41		lwona	ОК
13	LB131824BL	LB131824BL	MB	08/01/24 10:42		Iwona	ОК
14	LB131824BS	LB131824BS	LCS	08/01/24 10:43		lwona	ОК
15	P3390-09	MDL-WATER-03-QT3	SAM	08/01/24 10:44		Iwona	ОК
16	P3429-01	926-K1-WS-073124	SAM	08/01/24 10:45		Iwona	ОК
17	P3429-01DUP	926-K1-WS-073124DI	DUP	08/01/24 10:46		Iwona	ОК
18	P3429-01MS	926-K1-WS-073124M	MS	08/01/24 10:46		lwona	ОК

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Instrument ID:

SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB131824

Review By	Nih	na	Review On	8/1/2024 12:29:30 PM
Supervise By	lwc	ona	Supervise On	8/1/2024 12:31:38 PM
SubDirectory	LB	131824	Test	Hexavalent Chromium
STD. NAME		STD REF.#		
ICAL Standard		N/A		
ICV Standard		N/A		
CCV Standard		N/A		
ICSA Standard		N/A		
CRI Standard		N/A		
LCS Standard		N/A		
Chk Standard		WP108953,WP1089	52,WP108950,WP108949,WP1089	907,WP107791,WP108956,WP108951,WP108957,WP108954

19	P3429-01MSD	926-K1-WS-073124M	MSD	08/01/24 10:47	lwona	ок
20	P3429-02	931-K1-WS-073124	SAM	08/01/24 10:48	lwona	ок
21	P3429-03	925-K1-WS-073124	SAM	08/01/24 10:49	lwona	ОК
22	CCV2	CCV2	CCV	08/01/24 10:50	lwona	ОК
23	CCB2	CCB2	ССВ	08/01/24 10:51	lwona	ОК

P3429-GENCHEM **27 of 47**

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Prep Standard - Chemical Standard Summary

Order ID: P3429

Test: Hexavalent Chromium

Prepbatch ID:

Sequence ID/Qc Batch ID: LB131824,

Standard ID:

WP107791,WP108658,WP108659,WP108907,WP108948,WP108949,WP108950,WP108951,WP108952,WP108953,WP108954,WP108955,WP108956,WP108957,

Chemical ID:

E3769,M5211,W2606,W2651,W2652,W2979,W3112,

P3429-GENCHEM 28 of 47

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Wet Chemistry STANDARD PREPARATION LOG

			<u>Expiration</u>	<u>Prepared</u>			Supervised By
ID NAME	NO.	Prep Date	<u>Date</u>	<u>By</u>	<u>ScaleID</u>	<u>PipetteID</u>	Iwona Zarych
126 5N sulfuric acid	WP107791	05/07/2024	10/24/2024	Niha Farheen	None	None	-
				Shaik			05/07/2024

FROM	140.00000ml of M5211 + 860.00000ml of W2606 = Final Quantity: 1.000 L
------	---

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
1993	HEXAVALENTCHROMIUM STOCK	WP108658	07/09/2024	01/09/2025	Rubina Mughal	WETCHEM_S	None	
	STD 1, 50PPM					CALE_5 (WC		07/09/2024
	SC-5)							

FROM 0.14140gram of W2651 + 1000.00000ml of W3112 = Final Quantity: 1000.000 ml

P3429-GENCHEM 29 of 47



Wet Chemistry STANDARD PREPARATION LOG

<u> </u>	Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Iwona Zarych
	1994		WP108659	07/09/2024	01/09/2025	Rubina Mughal	_	None	07/00/0004
F		STD 2, 50PPM					CALE_5 (WC		07/09/2024

FROM 0.14140gram of W2652 + 1000.00000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID N	NAME	<u>NO.</u>	Prep Date	Expiration Date	<u>Prepared</u> <u>By</u>	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
114 he	nexavalent chromium color	WP108907	07/30/2024	08/06/2024	Iwona Zarych	WETCHEM_S	None	
re	eagent					CALE_5 (WC		08/02/2024

FROM 0.25000gram of W2979 + 50.00000ml of E3769 = Final Quantity: 50.000 ml

P3429-GENCHEM 30 of 47

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Mohan Bera
1103	HEX CHROME INTERMEDIATE STD SOURCE 1 (5PPM)	WP108948	08/01/2024	08/02/2024	lwona Zarych	None	WETCHEM_P PETTE_3	l 08/02/2024
FROM	FROM 9.00000ml of W3112 + 1.00000ml of WP108658 = Final Quantity: 10.000 ml (WC)							

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
110	calibration std. hexchrome 0 ppm	<u>WP108949</u>	08/01/2024	08/02/2024	lwona Zarych	None	None	08/02/2024

FROM 100.0000ml of W3112 = Final Quantity: 100.000 ml

P3429-GENCHEM 31 of 47

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME_	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
109		<u>WP108950</u>	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P PETTE 3	l 08/02/2024
	ppm						(WC)	06/02/2024

FROM 99.80000ml of W3112 + 0.20000	ml of WP108948 = Final Quantity: 100.000 ml
------------------------------------	---

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera	
3800	Calibration Std Hexachrome 0.025 ppm	WP108951	08/01/2024	08/02/2024	lwona Zarych	None	WETCHEM_P PETTE 3	08/02/2024	
	отодо рр						(WC)	00/02/2021	ł

FROM 99.50000ml of W3112 + 0.50000ml of WP108948 = Final Quantity: 100.000 ml

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Aliance TECHNICAL GROUP

Fax: 908 789 8922

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	NAME	<u>NO.</u>	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
108	Calibration Std. hexchrome 0.05	WP108952	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P	I
	ppm						PETTE_3	08/02/2024
	(WC)							

FROM	99.00000ml of W3112 + 1	1.00000ml of WP108948	= Final Quantity: 100.000 ml
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Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera	
107	Calibration Std. hexchrome 0.1	WP108953	08/01/2024	08/02/2024	lwona Zarych	None	WETCHEM_P	1	
	ppm						PETTE_3	08/02/2024	
							(WC)		1

FROM 99.80000ml of W3112 + 0.20000ml of WP108658 = Final Quantity: 100.000 ml

P3429-GENCHEM 33 of 47

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Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
3808		WP108954	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P	
	HexChrome 0.5PPM	£ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	S. Fired Over		1		(WC)	08/02/2024

99.00000ml of W3112 + 1.00000ml of WP108658 = Final Quantity: 100.000 ml **FROM**

Recipe ID	NAME.	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
3809		WP108955	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P	
	1.0PPM	()					PETTE_3 (WC)	08/02/2024

FROM 98.00000ml of W3112 + 2.00000ml of WP108658 = Final Quantity: 100.000 ml

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Fax: 908 789 8922

Wet Chemistry STANDARD PREPARATION LOG

Recipe ID	<u>NAME</u>	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipettelD</u>	Supervised By Mohan Bera
3731	Hex LOQ Std, 0.01PPM	WP108956	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P	I
							PETTE_3	08/02/2024
EDOM	99 80000ml of W3112 + 0 20000ml o	f WP108948	R = Final Qua	ntity: 100 000	ml		(WC)	

FROM	99.80000ml of W3112 + 0.20000ml of WP108948 = Final Quantity: 100.000 ml	
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Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	<u>ScaleID</u>	<u>PipetteID</u>	Supervised By Mohan Bera
3804		WP108957	08/01/2024	08/02/2024	Iwona Zarych	None	WETCHEM_P	
	Std						PETTE_3 (WC)	08/02/2024

FROM 99.00000ml of W3112 + 1.00000ml of WP108659 = Final Quantity: 100.000 ml

P3429-GENCHEM **35 of 47**

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	01/12/2025	07/12/2024 / Rajesh	07/02/2024 / Rajesh	E3769
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)	22D0862014	01/20/2025	08/22/2022 / mohan	04/26/2022 / mohan	M5211
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	AA13450-36 / Potassium Dichromate, 500g(NEW)	T15F019	01/24/2030	01/24/2020 / apatel	01/24/2020 / apatel	W2651
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date /	Chemtech Lot #
PCI Scientific Supply, Inc.	P188-500 / Potassium Dichromate, 500g(new-2nd lot)	194664	01/24/2030	01/24/2020 / apatel	01/24/2020 / apatel	W2652
Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	31390 / 1,5-Diphenylcarbazide	MKCR6636	12/09/2027	12/09/2022 / Iwona	12/09/2022 / Iwona	W2979

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CHEMICAL RECEIPT LOG BOOK

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

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Certificate of Analysis

Product No.: 13450

Product: Potassium dichromate, ACS, 99.0% min

Lot No.: T15F019

Test	Limits	Results
Appearance Identification Purity	Orange-red crystals To Pass 99.0 % min	Orange-red crystals Passes 99.67 %
Insoluble matter	0.005 % max	0.004 %
Loss on drying	0.05 % max	0.03 %
Chloride	0.001 % max	< 0.001 %
Sulfate	0.005 % max	< 0.005 %
Iron	0.001 % max	< 0.001 %
Calcium	0.003 % max	0.0012 %
Sodium	0.02 % max	0.0047 %

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

This is to certify that units of the lot number above were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The above information is the actual analytical results obtained.

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Certificate of Analysis Page 1 of 1



Certificate of Analysis

1 Reagent Lane Fair Lawn, NJ 07410 201.796.7100 tel 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120632

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	P188	Quality Test / Release Date	08/12/2019
Lot Number	194664		
Description	POTASSIUM DICHROMATE, A.C.S.		
Country of Origin	United States	Suggested Retest Date	Aug/2024
Chemical Origin	Inorganic-non animal		
BSE/TSE Comment	No animal products are used as starting raprocessing aids, or any other material that	•	
Chemical Comment			

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Fine, orange-red crystals
ASSAY	%	>= 99	99.2
CALCIUM	%	<= 0.003	<0.003
CHLORIDE	%	<= 0.001	<0.001
LOSS ON DRYING @ 105 C	%	<= 0.05	<0.05
SULFATE (SO4)	%	<= 0.005	<0.005
INSOLUBLE MATTER	%	<= 0.005	0.003
IRON (Fe)	%	<= 0.001	<0.001
SODIUM (Na)	%	<= 0.02	<0.02
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST

Derisa Bailey- Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above. If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

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Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis





Material No.: 9254-03

Batch No.: 23H1462005 Manufactured Date: 2023-07-26

Expiration Date: 2026-07-25

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (μeq/g)	≤ 0.3	0.1
Titrable Base (μeq/g)	≤ 0.6	< 0.1
Water (H ₂ O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory, Research, or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA

Packaging Site: Phillipsburg Mfg Ctr & DC

Reed. by RP on 7/2124

E 3769

Ken Koehnlein

Sr. Manager, Quality Assurance

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P3429-GENCHEM

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





Material No.: 9673-33 Batch No.: 22D0862014

Manufactured Date: 2022-02-23 Retest Date: 2027-02-22

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H ₂ SO ₄)	95.0 - 98.0 %	96.5 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 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	1.7 ppb
Arsenic and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 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	< 0.2 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities – Iron (Fe)	≤ 50.0 ppb	2.0 ppb
Trace Impurities – Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities – Magnesium (Mg)	≤ 7.0 ppb	0.6 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)	\leq 50.0 ppb	12.1 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	4.4 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

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





Material No.: 9673-33 Batch No.: 22D0862014

Specification	Result
≤ 500.0 ppb	6.2 ppb
≤ 5.0 ppb	< 0.2 ppb
≤ 5.0 ppb	< 0.8 ppb
≤ 5.0 ppb	0.6 ppb
	≤ 500.0 ppb ≤ 5.0 ppb ≤ 5.0 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: USA

Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality

P3429-GENCHEM

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W 2979

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA:

techserv@sial.com

Outside USA: eurtechserv@sial.com

lec: 12/08/22

exp. 12/08/27

Certificate of Analysis

1,5-Diphenylcarbazide - ACS reagent

Product Number:

259225

Batch Number:

MKCR6636

Brand:

SIAL

CAS Number:

140-22-7

MDL Number:

MFCD00003013

Formula:

C13H14N4O

Formula Weight:

242.28 g/mol

Quality Release Date:

02 JUN 2022

Н	Ň-N	Y	N,
		O	

Test	Specification	Result		
Appearance (Color)	Conforms to Requirements	Pink		
Off-White to Pink, Light Purple or Tan				
Appearance (Form)	Powder or Chunks	Powder		
Melting Point	173.0 - 176.0 ℃	173.0 ℃		
Infrared Spectrum	Conforms to Structure	Conforms		
Residue on ignition (Ash)	< 0.05 %	0.01 %		
15 minutes, 800 Degrees Celsius	_			
Solubility	Pass	Pass		
Sensitivity Test	Pass	Pass		
Meets ACS Requirements	Current ACS Specification	Conforms		

Larry Coers, Director Quality Control Milwaukee, 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.



SHIPPING DOCUMENTS

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P3429-GENCHEM



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CHEMTECH PROJECT NO. P3429

COC Number 2041346

PER LEMB	CLIENT INFORMATION	al 2011	DOM:	1 5	14	CLIENT P	ROJECT IN	JEORM.	ATION			100			CLIEN			ORMATION	
,	REPORT TO BE SENT TO:													ita nui	OTHER				
COMPANY: J			PROJE	ECT N	NAM	E: STC	PTC					BILL T	o: 1	lary	Mun	ohy		PO#:	
ADDRESS: Y	Mr Mt Kanble Ave Suite #100		PROJE	CT NO	o.: D	37799	22 LOCA	ATION:	Princet	un Ju	dun	ADDR	ESS:		-1)			
CITY MUV	VISTUM STATE: NJ ZIP: 0	7960	PROJE	СТ М	ANAG	ER: N	lary 140	rphy	N			CITY					STAT	ΓΕ:	ZIP:
	John Yntante						y Co Ja					ATTEN	NTION:				PHC	NE:	
PHONE: (281)					. /	7.1	-									ANA	ALYSIS		
	DATA TURNAROUND INFORMATION		PHONE			6-0586	RABLE IN		ATION	1-3									
FAX (RUSH) HARDCOPY (DA EDD: *TO BE APPRO	Standard TAT ATA PACKAGE):	DAYS* DAYS* DAYS*	Leve	l 1 (Re l 2 (Re l 3 (Re aw Dat	esults (esults - esults - ta)	Only)	Level 4 (QC NJ Reduce NYS ASP A Other	+ Full I		1) -P -P -W15-2	Surva S	PRES	2 (JI) 1	6	/	//	/9		
CHEMTECH					/IPLE		IPLE ECTION	LES				PHES	SERVA	HVES					MMENTS v Preservatives
SAMPLE ID	PROJECT SAMPLE IDENTIFICATION		SAMPLE MATRIX	COMP	GRAB TO	DATE	TIME	OF BOTTLES	A/E	E	BE	E						A-HCI B-HN03	D-NaOH E-ICE
1.	an 11 hus a control		2.16	0	_	2/2/2/	uh	*	1	2	3	4	5	6	7	8	9	C-H2SO4	F-OTHER
	926-K1-115-073121		WS		X	1 7 1		6	2	2	1	1							
2.	931-K1-WS-073124		WS		X			6	2	2	1	1							
3.	925-KI-WS-073124		WS		X	7/31/24	1575	6	2	2	1								
4.	TB-01-673124		DI		X	7/31/24		1	1										
5.						77													
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3.	PARTICIPATION OF THE PROPERTY					Page	of _		CLIENT CHEMTI		Hand De		□ O	ther ld Samp	ling				Complete NO



Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488

QA Control Code: A2070148 P3429-GENCHEM

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

Fax: 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID: P3429

JACO05

Order Date: 7/31/2024 4:38:00 PM

Project Mgr: YAZMEEN

Client Name: JACOBS Engineering Grou

Project Name: Former Schlumberger Site I

Report Type: Level 4

Client Contact: Mary I. Murphy

Receive DateTime: 7/31/2024 5:45:00 PM

EDD Type: CH2MHILL

Invoice Name: JACOBS Engineering Grou

Purchase Order:

Hard Copy Date:

Invoice Contact: Mary I. Murphy

Date Signoff: 8/1/2024 9:54:09 AM

CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
926-K1-WS-073124	Water	07/31/2024	14:00						
				VOCMS Group6		8260-Low	10 Bus. Days		
931-K1-WS-073124	Water (07/31/2024	14:50						
				VOCMS Group6		8260-Low	10 Bus. Days		
925-K1-WS-073124	Water (07/31/2024	15:15						
				VOCMS Group6		8260-Low	10 Bus. Days		
TB-01-073124	Water (07/31/2024	16:00						
				VOCMS Group6		8260-Low	10 Bus. Days		
	926-K1-WS-073124 931-K1-WS-073124 925-K1-WS-073124	926-K1-WS-073124 Water 931-K1-WS-073124 Water 925-K1-WS-073124 Water	926-K1-WS-073124 Water 07/31/2024 931-K1-WS-073124 Water 07/31/2024 925-K1-WS-073124 Water 07/31/2024	926-K1-WS-073124 Water 07/31/2024 14:00 931-K1-WS-073124 Water 07/31/2024 14:50 925-K1-WS-073124 Water 07/31/2024 15:15	926-K1-WS-073124 Water 07/31/2024 14:00 VOCMS Group6 931-K1-WS-073124 Water 07/31/2024 14:50 VOCMS Group6 925-K1-WS-073124 Water 07/31/2024 15:15 VOCMS Group6 TB-01-073124 Water 07/31/2024 16:00	926-K1-WS-073124 Water 07/31/2024 14:00 VOCMS Group6 931-K1-WS-073124 Water 07/31/2024 14:50 VOCMS Group6 925-K1-WS-073124 Water 07/31/2024 15:15 VOCMS Group6 TB-01-073124 Water 07/31/2024 16:00	926-K1-WS-073124 Water 07/31/2024 14:00 931-K1-WS-073124 Water 07/31/2024 14:50 VOCMS Group6 8260-Low 925-K1-WS-073124 Water 07/31/2024 15:15 VOCMS Group6 8260-Low TB-01-073124 Water 07/31/2024 16:00	926-K1-WS-073124 Water 07/31/2024 14:00 VOCMS Group6 8260-Low 10 Bus. Days 931-K1-WS-073124 Water 07/31/2024 14:50 VOCMS Group6 8260-Low 10 Bus. Days 925-K1-WS-073124 Water 07/31/2024 15:15 VOCMS Group6 8260-Low 10 Bus. Days TB-01-073124 Water 07/31/2024 16:00	926-K1-WS-073124 Water 07/31/2024 14:00 931-K1-WS-073124 Water 07/31/2024 14:50 VOCMS Group6 8260-Low 10 Bus. Days VOCMS Group6 8260-Low 10 Bus. Days 925-K1-WS-073124 Water 07/31/2024 15:15 VOCMS Group6 8260-Low 10 Bus. Days TB-01-073124 Water 07/31/2024 16:00

Relinguished By:

Date / Time: 8.

Received By:

Date / Time:

4

Storage Area: VOA Refridgerator Room

115 (V)

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