CHEMTECH

Analytical Summary Report

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB114810

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB136876BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	06/06/2021	13:45
2	M2612-21		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.06	4.78	06/06/2021	13:48
3	M2612-21DUP		1	5.04	50	2.00	3.82	5.72	1.90	0.10	0.04	3.17	06/06/2021	13:50
4	M2612-22		1	5.05	50	2.00	5.72	7.58	1.86	0.14	0.08	6.34	06/06/2021	13:52
5	M2612-23		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.04	3.20	06/06/2021	13:55
6	M2612-24		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.10	7.97	06/06/2021	13:58
7	M2612-25		1	5.03	50	2.00	3.74	5.60	1.86	0.14	0.08	6.36	06/06/2021	14:02
8	M2612-26		1	5.04	50	2.00	5.60	7.42	1.82	0.18	0.12	9.52	06/06/2021	14:05
9	M2612-27		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.10	7.97	06/06/2021	14:08
10	M2612-28		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.08	6.36	06/06/2021	14:12
11	M2612-29		1	5.00	50	2.00	3.70	5.58	1.88	0.12	0.06	4.80	06/06/2021	14:15
12	M2612-30		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.12	9.54	06/06/2021	14:18

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
13	M2612-31		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	06/06/2021	14:20
14	M2612-32		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.10	7.95	06/06/2021	14:22
15	M2612-33		1	5.02	50	2.00	3.70	5.52	1.82	0.18	0.12	9.56	06/06/2021	14:25
16	M2612-34		1	5.04	50	2.00	5.52	7.38	1.86	0.14	0.08	6.35	06/06/2021	14:28
17	M2612-35		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.06	4.75	06/06/2021	14:30
18	M2612-36		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.10	7.91	06/06/2021	14:32
19	M2612-37		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.08	6.31	06/06/2021	14:35
20	M2612-38		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.12	9.50	06/06/2021	14:38
21	M2612-39		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.10	7.98	06/06/2021	14:40
22	M2612-40		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.08	6.32	06/06/2021	14:42

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume