

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123266

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2977

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
1	PB149565BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	12/05/2022	15:04
2	PB149565BS	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.76	22.08	12/05/2022	15:07
3	N5841-01		1	50	50	5.00	0.00	4.42	4.42	0.58	0.46	3.68	12/05/2022	15:11
4	N5841-01DUP		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	12/05/2022	15:14
5	N5841-01MS	25	1	50	50	5.00	0.00	1.60	1.60	3.40	3.28	26.24	12/05/2022	15:18
6	N5841-01MSD	25	1	50	50	5.00	0.00	1.58	1.58	3.42	3.30	26.40	12/05/2022	15:22
7	N5841-03		1	50	50	5.00	0.00	4.46	4.46	0.54	0.42	3.36	12/05/2022	15:27
8	N5841-05		1	50	50	5.00	0.00	4.48	4.48	0.52	0.40	3.20	12/05/2022	15:31
9	N5841-07		1	50	50	5.00	0.00	4.36	4.36	0.64	0.52	4.16	12/05/2022	15:34
10	N5841-09		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	12/05/2022	15:37
11	N5841-11		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	12/05/2022	15:40

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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Starch Solution, 4L	W2977

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12	N5841-13		1	50	50	5.00	0.00	4.32	4.32	0.68	0.56	4.48	12/05/2022	15:44
13	N5841-15		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	12/05/2022	15:47
14	N5841-17		1	50	50	5.00	0.00	4.28	4.28	0.72	0.60	4.80	12/05/2022	15:52
15	N5841-19		1	50	50	5.00	0.00	4.26	4.26	0.74	0.62	4.96	12/05/2022	15:55
16	N5865-03		1	50	50	5.00	0.00	4.24	4.24	0.76	0.64	5.12	12/05/2022	15:59
17	N5865-05		1	50	50	5.00	0.00	4.28	4.28	0.72	0.60	4.80	12/05/2022	16:04
18	N5865-07		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	12/05/2022	16:09
19	N5865-09		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	12/05/2022	16:12
20	N5865-11		1	50	50	5.00	0.00	4.36	4.36	0.64	0.52	4.16	12/05/2022	16:16
21	N5865-13		1	50	50	5.00	0.00	4.86	4.86	0.14	0.02	0.16	12/05/2022	16:20
22	PB149564BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	12/05/2022	16:24

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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23	PB149564BS	25	1	50	50	5.00	0.00	2.10	2.10	2.90	2.78	22.24	12/05/2022	16:29
24	N5815-01		1	50	50	5.00	0.00	4.00	4.00	1.00	0.88	7.04	12/05/2022	16:35
25	N5815-03		1	50	50	5.00	0.00	4.02	4.02	0.98	0.86	6.88	12/05/2022	16:39
26	N5815-05		1	50	50	5.00	0.00	4.02	4.02	0.98	0.86	6.88	12/05/2022	16:44
27	N5815-07		1	50	50	5.00	0.00	4.06	4.06	0.94	0.82	6.56	12/05/2022	16:47
28	N5815-09		1	50	50	5.00	0.00	4.04	4.04	0.96	0.84	6.72	12/05/2022	16:51
29	N5815-11		1	50	50	5.00	0.00	4.08	4.08	0.92	0.80	6.40	12/05/2022	16:55
30	N5815-13		1	50	50	5.00	0.00	4.02	4.02	0.98	0.86	6.88	12/05/2022	16:58
31	N5815-13DUP		1	50	50	5.00	0.00	4.04	4.04	0.96	0.84	6.72	12/05/2022	17:04
32	N5815-15	25	1	50	50	5.00	0.00	1.02	1.02	3.98	3.86	30.88	12/05/2022	17:09
33	N5815-16	25	1	50	50	5.00	0.00	1.00	1.00	4.00	3.88	31.04	12/05/2022	17:13

T1 = Titrant1

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34	N5815-19		1	50	50	5.00	0.00	4.34	4.34	0.66	0.54	4.32	12/05/2022	17:18
35	N5815-21		1	50	50	5.00	0.00	4.32	4.32	0.68	0.56	4.48	12/05/2022	17:24
36	N5815-23		1	50	50	5.00	0.00	4.08	4.08	0.92	0.80	6.40	12/05/2022	17:29
37	N5815-25		1	50	50	5.00	0.00	4.08	4.08	0.92	0.80	6.40	12/05/2022	17:35
38	N5821-01		1	50	50	5.00	0.00	4.28	4.28	0.72	0.60	4.80	12/05/2022	17:40
39	N5821-03		1	50	50	5.00	0.00	4.30	4.30	0.70	0.58	4.64	12/05/2022	17:44
40	N5821-05		1	50	50	5.00	0.00	4.32	4.32	0.68	0.56	4.48	12/05/2022	17:48
41	N5821-07		1	50	50	5.00	0.00	4.12	4.12	0.88	0.76	6.08	12/05/2022	18:03
42	N5821-09		1	50	50	5.00	0.00	4.16	4.16	0.84	0.72	5.76	12/05/2022	18:10

T1 = Titrant1

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