

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB99541

ANALYST: sweta

SUPERVISOR REVIEW BY: ketankumar

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB115270BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/03/2018	13:30
2	J5764-22		1	5.00	50	2.00	1.90	3.66	1.76	0.24	0.14	11.20	12/03/2018	13:33
3	J5764-22DUP		1	5.03	50	2.00	3.66	5.40	1.74	0.26	0.16	12.72	12/03/2018	13:35
4	J5764-24		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	12/03/2018	13:37
5	J5764-26		1	5.02	50	2.00	1.84	3.50	1.66	0.34	0.24	19.12	12/03/2018	13:39
6	J5764-28		1	5.01	50	2.00	3.50	4.90	1.40	0.60	0.50	39.92	12/03/2018	13:41
7	J5764-30		1	5.00	50	2.00	4.90	6.72	1.82	0.18	0.08	6.40	12/03/2018	13:43
8	J5775-04		1	5.05	50	2.00	6.72	8.40	1.68	0.32	0.22	17.43	12/03/2018	13:45
9	J6148-02		1	5.02	50	2.00	8.40	9.96	1.56	0.44	0.34	27.09	12/03/2018	13:47
10	J6148-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	12/03/2018	13:49
11	J6149-01		1	5.04	50	2.00	1.86	3.48	1.62	0.38	0.28	22.22	12/03/2018	13:51
12	J6149-02		1	5.01	50	2.00	3.48	5.10	1.62	0.38	0.28	22.36	12/03/2018	13:53

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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Sodium thiosulfate titrant 0.025N	WP69572
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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	J6149-03		1	5.00	50	2.00	5.10	6.66	1.56	0.44	0.34	27.20	12/03/2018	13:55
14	J6149-04		1	5.05	50	2.00	6.66	8.40	1.74	0.26	0.16	12.67	12/03/2018	13:57
15	J6150-01		1	5.05	50	2.00	8.40	9.94	1.54	0.46	0.36	28.51	12/03/2018	13:59
16	J6159-01		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.40	31.81	12/03/2018	14:01
17	J6159-02		1	5.02	50	2.00	1.50	3.26	1.76	0.24	0.14	11.16	12/03/2018	14:03
18	J6159-03		1	5.00	50	2.00	3.26	4.92	1.66	0.34	0.24	19.20	12/03/2018	14:05
19	J6159-04		1	5.02	50	2.00	4.92	6.40	1.48	0.52	0.42	33.47	12/03/2018	14:07
20	J6160-04		1	5.00	50	2.00	6.40	8.08	1.68	0.32	0.22	17.60	12/03/2018	14:09

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