

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB99004

ANALYST: sweta

SUPERVISOR REVIEW BY: ketankumar

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP68780
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	PB114445BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	11/02/2018	13:00
2	J5735-23		1	5.02	50	2.00	1.86	3.44	1.58	0.42	0.28	22.31	11/02/2018	13:03
3	J5735-23DUP		1	5.03	50	2.00	3.44	5.04	1.60	0.40	0.26	20.68	11/02/2018	13:05
4	J5745-21		1	5.04	50	2.00	0.00	1.60	1.60	0.40	0.26	20.63	11/02/2018	13:07
5	J5745-22		1	5.05	50	2.00	1.60	3.12	1.52	0.48	0.34	26.93	11/02/2018	13:09
6	J5745-23		1	5.00	50	2.00	3.12	4.86	1.74	0.26	0.12	9.60	11/02/2018	13:11
7	J5745-25		1	5.01	50	2.00	4.86	6.26	1.40	0.60	0.46	36.73	11/02/2018	13:13
8	J5745-26		1	5.03	50	2.00	6.26	7.62	1.36	0.64	0.50	39.76	11/02/2018	13:15
9	J5750-10		1	5.02	50	2.00	7.62	9.04	1.42	0.58	0.44	35.06	11/02/2018	13:17
10	J5750-11		1	5.01	50	2.00	0.00	1.36	1.36	0.64	0.50	39.92	11/02/2018	13:19
11	J5750-12		1	5.00	50	2.00	1.36	2.70	1.34	0.66	0.52	41.60	11/02/2018	13:21
12	J5767-02		1	5.06	50	2.00	2.70	4.10	1.40	0.60	0.46	36.36	11/02/2018	13:23

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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Constant: 16000

Normality1: 0.025

Normality2: 0.025

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Sodium thiosulfate titrant 0.025N	WP68780
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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	J5767-04		1	5.02	50	2.00	4.10	5.60	1.50	0.50	0.36	28.69	11/02/2018	13:25
14	J5767-06		1	5.01	50	2.00	5.60	6.70	1.10	0.90	0.76	60.68	11/02/2018	13:27
15	J5767-08		1	5.05	50	2.00	6.70	7.84	1.14	0.86	0.72	57.03	11/02/2018	13:29
16	J5776-04		1	5.03	50	2.00	7.84	9.14	1.30	0.70	0.56	44.53	11/02/2018	13:31
17	J5776-08		1	5.02	50	2.00	0.00	1.40	1.40	0.60	0.46	36.65	11/02/2018	13:33
18	J5778-05		1	5.03	50	2.00	1.40	2.60	1.20	0.80	0.66	52.49	11/02/2018	13:35
19	J5794-04		1	5.01	50	2.00	2.60	3.90	1.30	0.70	0.56	44.71	11/02/2018	13:37
20	J5794-08		1	5.05	50	2.00	3.90	5.00	1.10	0.90	0.76	60.20	11/02/2018	13:39
21	J5794-12		1	5.03	50	2.00	5.00	6.06	1.06	0.94	0.80	63.62	11/02/2018	13:41

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