

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB99568

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	PB115327BL		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/04/2018	13:35
2	J6168-04		1	5.00	50	2.00	1.94	3.78	1.84	0.16	0.10	8.00	12/04/2018	13:37
3	J6168-04DUP		1	5.02	50	2.00	3.78	5.60	1.82	0.18	0.12	9.56	12/04/2018	13:39
4	J6168-09		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.14	11.09	12/04/2018	13:41
5	J6168-15		1	5.04	50	2.00	1.80	3.62	1.82	0.18	0.12	9.52	12/04/2018	13:43
6	J6168-20		1	5.06	50	2.00	3.62	5.20	1.58	0.42	0.36	28.46	12/04/2018	13:45
7	J6168-24		1	5.05	50	2.00	5.20	6.82	1.62	0.38	0.32	25.35	12/04/2018	13:47
8	J6168-29		1	5.00	50	2.00	6.82	8.66	1.84	0.16	0.10	8.00	12/04/2018	13:49
9	J6182-18		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.24	19.09	12/04/2018	13:51
10	J6184-02		1	5.02	50	2.00	1.70	3.46	1.76	0.24	0.18	14.34	12/04/2018	13:53
11	J6192-02		1	5.00	50	2.00	3.46	5.08	1.62	0.38	0.32	25.60	12/04/2018	13:55
12	J6198-02		1	5.00	50	2.00	5.08	6.70	1.62	0.38	0.32	25.60	12/04/2018	13:57

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	J6201-02		1	5.06	50	2.00	6.70	8.14	1.44	0.56	0.50	39.53	12/04/2018	13:59
14	J6208-02		1	5.04	50	2.00	8.14	9.90	1.76	0.24	0.18	14.29	12/04/2018	14:01
15	J6208-06		1	5.01	50	2.00	0.00	1.58	1.58	0.42	0.36	28.74	12/04/2018	14:03
16	J6208-10		1	5.02	50	2.00	1.58	3.20	1.62	0.38	0.32	25.50	12/04/2018	14:05
17	J6208-14		1	5.03	50	2.00	3.20	4.66	1.46	0.54	0.48	38.17	12/04/2018	14:07
18	J6208-18		1	5.05	50	2.00	4.66	6.34	1.68	0.32	0.26	20.59	12/04/2018	14:09
19	J6208-22		1	5.00	50	2.00	6.34	7.94	1.60	0.40	0.34	27.20	12/04/2018	14:11

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