

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB98953

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	PB114351BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/31/2018	14:00
2	J5199-08		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	10/31/2018	14:03
3	J5199-08DUP		1	5.03	50	2.00	3.80	5.66	1.86	0.14	0.06	4.77	10/31/2018	14:05
4	J5202-08		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.32	25.45	10/31/2018	14:07
5	J5202-10		1	5.05	50	2.00	1.60	3.34	1.74	0.26	0.18	14.26	10/31/2018	14:09
6	J5202-12		1	5.02	50	2.00	3.34	5.20	1.86	0.14	0.06	4.78	10/31/2018	14:11
7	J5202-14		1	5.00	50	2.00	5.20	7.10	1.90	0.10	0.02	1.60	10/31/2018	14:13
8	J5202-16		1	5.01	50	2.00	7.10	8.64	1.54	0.46	0.38	30.34	10/31/2018	14:15
9	J5205-08		1	5.05	50	2.00	0.00	1.54	1.54	0.46	0.38	30.10	10/31/2018	14:17
10	J5205-10		1	5.03	50	2.00	1.54	3.16	1.62	0.38	0.30	23.86	10/31/2018	14:19
11	J5377-03		1	5.00	50	2.00	3.16	4.92	1.76	0.24	0.16	12.80	10/31/2018	14:21
12	J5728-02		1	5.01	50	2.00	4.92	6.56	1.64	0.36	0.28	22.36	10/31/2018	14:23

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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13	J5737-02		1	5.02	50	2.00	6.56	8.06	1.50	0.50	0.42	33.47	10/31/2018	14:25
14	J5737-04		1	5.05	50	2.00	8.06	9.68	1.62	0.38	0.30	23.76	10/31/2018	14:27

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