

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90575

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

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	PB102911BL		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	10/04/2017	15:02
2	I5586-21		1	5.04	50	2.00	1.76	3.38	1.62	0.38	0.14	11.11	10/04/2017	15:05
3	I5586-21DUP		1	5.03	50	2.00	1.66	3.26	1.60	0.40	0.16	12.72	10/04/2017	15:08
4	I5586-22		1	5.04	50	2.00	3.26	4.48	1.22	0.78	0.54	42.86	10/04/2017	15:10
5	I5586-23		1	5.05	50	2.00	4.48	6.10	1.62	0.38	0.14	11.09	10/04/2017	15:12
6	I5586-24		1	5.04	50	2.00	6.10	7.60	1.50	0.50	0.26	20.63	10/04/2017	15:15
7	I5586-25		1	5.03	50	2.00	0.00	1.62	1.62	0.38	0.14	11.13	10/04/2017	15:18
8	I5586-26		1	5.05	50	2.00	1.62	3.24	1.62	0.38	0.14	11.09	10/04/2017	15:20
9	I5586-27		1	5.03	50	2.00	3.24	4.76	1.52	0.48	0.24	19.09	10/04/2017	15:22
10	I5586-28		1	5.06	50	2.00	4.76	6.20	1.44	0.56	0.32	25.30	10/04/2017	15:25
11	I5586-29		1	5.03	50	2.00	6.20	7.58	1.38	0.62	0.38	30.22	10/04/2017	15:28
12	I5586-30		1	5.04	50	2.00	0.00	1.50	1.50	0.50	0.26	20.63	10/04/2017	15:30

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

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90575

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

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	I5604-03		1	5.05	50	2.00	1.50	3.12	1.62	0.38	0.14	11.09	10/04/2017	15:32
14	I5604-06		1	5.04	50	2.00	3.12	4.70	1.58	0.42	0.18	14.29	10/04/2017	15:35
15	I5616-04		1	5.03	50	2.00	4.70	6.14	1.44	0.56	0.32	25.45	10/04/2017	15:38
16	I5616-08		1	5.06	50	2.00	6.14	7.46	1.32	0.68	0.44	34.78	10/04/2017	15:40
17	I5644-04		1	5.03	50	2.00	0.00	1.44	1.44	0.56	0.32	25.45	10/04/2017	15:42
18	I5644-08		1	5.06	50	2.00	1.44	2.92	1.48	0.52	0.28	22.13	10/04/2017	15:45
19	I5644-12		1	5.04	50	2.00	2.92	4.24	1.32	0.68	0.44	34.92	10/04/2017	15:48
20	I5644-16		1	5.02	50	2.00	4.24	5.78	1.54	0.46	0.22	17.53	10/04/2017	15:50
21	I5647-03		1	5.03	50	2.00	5.78	7.16	1.38	0.62	0.38	30.22	10/04/2017	15:52

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