

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB96651

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
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	PB111129BL		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.00	0.00	07/14/2018	11:02
2	J3542-04		1	5.03	50	2.00	1.76	3.22	1.46	0.54	0.30	23.86	07/14/2018	11:05
3	J3542-04DUP		1	5.03	50	2.00	3.22	4.70	1.48	0.52	0.28	22.27	07/14/2018	11:08
4	J3542-08		1	5.04	50	2.00	0.00	1.74	1.74	0.26	0.02	1.59	07/14/2018	11:10
5	J3542-12		1	5.02	50	2.00	1.74	3.38	1.64	0.36	0.12	9.56	07/14/2018	11:12
6	J3545-04		1	5.00	50	2.00	3.38	4.96	1.58	0.42	0.18	14.40	07/14/2018	11:15
7	J3820-04		1	5.01	50	2.00	4.96	6.60	1.64	0.36	0.12	9.58	07/14/2018	11:18
8	J3821-02		1	5.05	50	2.00	6.60	8.32	1.72	0.28	0.04	3.17	07/14/2018	11:20
9	J3821-04		1	5.03	50	2.00	0.00	1.16	1.16	0.84	0.60	47.71	07/14/2018	11:22
10	J3821-06		1	5.02	50	2.00	1.16	2.60	1.44	0.56	0.32	25.50	07/14/2018	11:25
11	J3831-02		1	5.04	50	2.00	2.60	4.02	1.42	0.58	0.34	26.98	07/14/2018	11:28
12	J3958-06		1	5.03	50	2.00	4.02	5.50	1.48	0.52	0.28	22.27	07/14/2018	11:30

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

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13	J3958-10		1	5.04	50	2.00	5.50	6.86	1.36	0.64	0.40	31.75	07/14/2018	11:32
14	J3966-03		1	5.00	50	2.00	6.86	8.20	1.34	0.66	0.42	33.60	07/14/2018	11:35
15	J3975-02		1	5.05	50	2.00	0.00	1.22	1.22	0.78	0.54	42.77	07/14/2018	11:38
16	J3975-04		1	5.06	50	2.00	1.22	2.52	1.30	0.70	0.46	36.36	07/14/2018	11:40
17	J3975-06		1	5.04	50	2.00	2.52	3.90	1.38	0.62	0.38	30.16	07/14/2018	11:42
18	J3975-08		1	5.02	50	2.00	3.90	5.40	1.50	0.50	0.26	20.72	07/14/2018	11:45
19	J3980-04		1	5.04	50	2.00	5.40	6.68	1.28	0.72	0.48	38.10	07/14/2018	11:48
20	J3980-08		1	5.06	50	2.00	6.68	8.04	1.36	0.64	0.40	31.62	07/14/2018	11:50

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