

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: KETANKUMAR

Run Number: LB93652

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
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	PB107030BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	03/02/2018	13:40
2	J1751-02		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.16	12.75	03/02/2018	13:43
3	J1751-02DUP		1	5.03	50	2.00	1.70	3.42	1.72	0.28	0.14	11.13	03/02/2018	13:46
4	J1751-04		1	5.09	50	2.00	0.00	1.56	1.56	0.44	0.30	23.58	03/02/2018	13:49
5	J1751-06		1	5.06	50	2.00	1.56	3.16	1.60	0.40	0.26	20.55	03/02/2018	13:52
6	J1751-08		1	5.04	50	2.00	3.16	4.92	1.76	0.24	0.10	7.94	03/02/2018	13:55
7	J1751-10		1	5.07	50	2.00	4.92	6.48	1.56	0.44	0.30	23.67	03/02/2018	13:58
8	J1751-12		1	5.09	50	2.00	6.48	8.10	1.62	0.38	0.24	18.86	03/02/2018	14:01
9	J1751-14		1	5.02	50	2.00	8.10	9.74	1.64	0.36	0.22	17.53	03/02/2018	14:04
10	J1751-16		1	5.02	50	2.00	0.00	1.38	1.38	0.62	0.48	38.25	03/02/2018	14:07
11	J1751-18		1	5.03	50	2.00	1.38	3.04	1.66	0.34	0.20	15.90	03/02/2018	14:10
12	J1756-02		1	5.03	50	2.00	3.04	4.66	1.62	0.38	0.24	19.09	03/02/2018	14:13

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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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	J1756-04		1	5.02	50	2.00	4.66	6.58	1.92	0.08	-0.06	-4.78	03/02/2018	14:16
14	J1766-03		1	5.01	50	2.00	6.58	7.94	1.36	0.64	0.50	39.92	03/02/2018	14:19
15	J1767-04		1	5.02	50	2.00	7.94	9.16	1.22	0.78	0.64	51.00	03/02/2018	14:22
16	J1777-01		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.26	20.68	03/02/2018	14:25
17	J1778-01		1	5.05	50	2.00	1.60	3.08	1.48	0.52	0.38	30.10	03/02/2018	14:28
18	J1778-02		1	5.03	50	2.00	3.08	4.62	1.54	0.46	0.32	25.45	03/02/2018	14:31
19	J1778-03		1	5.05	50	2.00	4.62	6.16	1.54	0.46	0.32	25.35	03/02/2018	14:34
20	J1779-03		1	5.01	50	2.00	6.16	7.50	1.34	0.66	0.52	41.52	03/02/2018	14:37
21	J1780-01		1	5.02	50	2.00	7.50	9.12	1.62	0.38	0.24	19.12	03/02/2018	14:40

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