

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: KETANKUMAR

Run Number: LB93767

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	PB107170BL		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/08/2018	14:00
2	J1748-02		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.22	17.56	03/08/2018	14:03
3	J1748-02DUP		1	5.02	50	2.00	1.70	3.42	1.72	0.28	0.20	15.94	03/08/2018	14:06
4	J1748-04		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.26	20.68	03/08/2018	14:09
5	J1748-06		1	5.00	50	2.00	1.66	3.38	1.72	0.28	0.20	16.00	03/08/2018	14:12
6	J1749-02		1	5.02	50	2.00	3.38	5.00	1.62	0.38	0.30	23.90	03/08/2018	14:15
7	J1760-02		1	5.01	50	2.00	5.00	6.68	1.68	0.32	0.24	19.16	03/08/2018	14:18
8	J1819-04		1	5.02	50	2.00	6.68	8.20	1.52	0.48	0.40	31.87	03/08/2018	14:21
9	J1819-05		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.30	23.81	03/08/2018	14:24
10	J1819-06		1	5.04	50	2.00	1.62	3.20	1.58	0.42	0.34	26.98	03/08/2018	14:27
11	J1820-02		1	5.03	50	2.00	3.20	4.70	1.50	0.50	0.42	33.40	03/08/2018	14:29
12	J1823-02		1	5.00	50	2.00	4.70	6.40	1.70	0.30	0.22	17.60	03/08/2018	14:32

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	J1823-04		1	5.01	50	2.00	6.40	7.84	1.44	0.56	0.48	38.32	03/08/2018	14:35
14	J1826-03		1	5.04	50	2.00	7.84	9.10	1.26	0.74	0.66	52.38	03/08/2018	14:38
15	J1826-05		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.38	30.28	03/08/2018	14:41
16	J1826-07		1	5.05	50	2.00	1.54	2.90	1.36	0.64	0.56	44.36	03/08/2018	14:44
17	J1828-06		1	5.04	50	2.00	2.90	4.40	1.50	0.50	0.42	33.33	03/08/2018	14:47
18	J1828-10		1	5.01	50	2.00	4.40	5.98	1.58	0.42	0.34	27.15	03/08/2018	14:50
19	J1829-03		1	5.05	50	2.00	5.98	7.46	1.48	0.52	0.44	34.85	03/08/2018	14:53

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