

Analysis Method: 9034

ANALYST: Hiral

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB93192

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	PB106443BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	02/09/2018	14:22
2	J1499-03		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	02/09/2018	14:25
3	J1499-03DUP		1	5.03	50	2.00	1.84	3.66	1.82	0.18	0.06	4.77	02/09/2018	14:28
4	J1501-02		1	5.01	50	2.00	0.00	1.66	1.66	0.34	0.22	17.56	02/09/2018	14:31
5	J1507-03		1	5.00	50	2.00	1.66	3.30	1.64	0.36	0.24	19.20	02/09/2018	14:35
6	J1510-06		1	5.02	50	2.00	3.30	5.00	1.70	0.30	0.18	14.34	02/09/2018	14:38
7	J1511-04		1	5.01	50	2.00	5.00	6.66	1.66	0.34	0.22	17.56	02/09/2018	14:42
8	J1511-05		1	5.02	50	2.00	6.66	8.38	1.72	0.28	0.16	12.75	02/09/2018	14:45
9	J1511-06		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.20	15.97	02/09/2018	14:48
10	J1512-03		1	5.04	50	2.00	1.68	3.44	1.76	0.24	0.12	9.52	02/09/2018	14:52
11	J1512-06		1	5.03	50	2.00	3.44	5.02	1.58	0.42	0.30	23.86	02/09/2018	14:55
12	J1512-09		1	5.00	50	2.00	5.02	6.54	1.52	0.48	0.36	28.80	02/09/2018	14:59

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	J1512-12		1	5.01	50	2.00	6.54	8.02	1.48	0.52	0.40	31.94	02/09/2018	15:03

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