

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB93102

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2261
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	PB106310BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	02/05/2018	14:18
2	J1399-02		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.02	1.60	02/05/2018	14:21
3	J1399-02DUP		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.04	3.19	02/05/2018	14:24
4	J1399-04		1	5.03	50	2.00	0.00	1.64	1.64	0.36	0.26	20.68	02/05/2018	14:27
5	J1437-03		1	5.00	50	2.00	1.64	3.46	1.82	0.18	0.08	6.40	02/05/2018	14:30
6	J1442-01		1	5.02	50	2.00	3.46	5.10	1.64	0.36	0.26	20.72	02/05/2018	14:33
7	J1442-02		1	5.01	50	2.00	5.10	6.84	1.74	0.26	0.16	12.77	02/05/2018	14:37
8	J1442-03		1	5.02	50	2.00	6.84	8.52	1.68	0.32	0.22	17.53	02/05/2018	14:40
9	J1444-02		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.20	15.97	02/05/2018	14:44
10	J1445-03		1	5.04	50	2.00	1.70	3.46	1.76	0.24	0.14	11.11	02/05/2018	14:47
11	J1453-04		1	5.03	50	2.00	3.46	4.94	1.48	0.52	0.42	33.40	02/05/2018	14:51
12	J1453-08		1	5.00	50	2.00	4.94	6.50	1.56	0.44	0.34	27.20	02/05/2018	14:54

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	J1453-12		1	5.01	50	2.00	6.50	8.04	1.54	0.46	0.36	28.74	02/05/2018	14:57

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