

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92962

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	PB106161BL		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	01/29/2018	14:13
2	J1022-11		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.14	11.18	01/29/2018	14:17
3	J1022-11DUP		1	5.02	50	2.00	1.68	3.34	1.66	0.34	0.16	12.75	01/29/2018	14:21
4	J1338-02		1	5.03	50	2.00	0.00	1.60	1.60	0.40	0.22	17.50	01/29/2018	14:24
5	J1340-01		1	5.00	50	2.00	1.60	3.32	1.72	0.28	0.10	8.00	01/29/2018	14:27
6	J1340-02		1	5.02	50	2.00	3.32	4.64	1.32	0.68	0.50	39.84	01/29/2018	14:31
7	J1341-01		1	5.03	50	2.00	4.64	6.22	1.58	0.42	0.24	19.09	01/29/2018	14:34
8	J1341-02		1	5.02	50	2.00	6.22	7.70	1.48	0.52	0.34	27.09	01/29/2018	14:37
9	J1341-03		1	5.01	50	2.00	7.70	9.14	1.44	0.56	0.38	30.34	01/29/2018	14:40
10	J1345-01		1	5.01	50	2.00	0.00	1.44	1.44	0.56	0.38	30.34	01/29/2018	14:44
11	J1345-02		1	5.03	50	2.00	1.44	3.00	1.56	0.44	0.26	20.68	01/29/2018	14:47
12	J1345-03		1	5.00	50	2.00	3.00	4.44	1.44	0.56	0.38	30.40	01/29/2018	14:50

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

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13	J1345-04		1	5.01	50	2.00	4.44	5.82	1.38	0.62	0.44	35.13	01/29/2018	14:53
14	J1346-04		1	5.04	50	2.00	5.82	7.22	1.40	0.60	0.42	33.33	01/29/2018	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