

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB93078

ANALYST: HIRAL

SUPERVISOR REVIEW BY: apatel

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	PB106281BL		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	02/02/2018	13:31
2	J1395-02		1	5.01	50	2.00	0.00	1.46	1.46	0.54	0.40	31.94	02/02/2018	13:34
3	J1395-02DUP		1	5.02	50	2.00	1.46	2.94	1.48	0.52	0.38	30.28	02/02/2018	13:37
4	J1423-01		1	5.01	50	2.00	0.00	1.36	1.36	0.64	0.50	39.92	02/02/2018	13:40
5	J1429-01		1	5.00	50	2.00	1.36	2.66	1.30	0.70	0.56	44.80	02/02/2018	13:43
6	J1429-02		1	5.02	50	2.00	2.66	3.82	1.16	0.84	0.70	55.78	02/02/2018	13:47
7	J1429-03		1	5.03	50	2.00	3.82	5.00	1.18	0.82	0.68	54.08	02/02/2018	13:40
8	J1431-03		1	5.02	50	2.00	5.00	6.20	1.20	0.80	0.66	52.59	02/02/2018	13:43
9	J1431-06		1	5.01	50	2.00	6.20	7.34	1.14	0.86	0.72	57.49	02/02/2018	13:46
10	J1431-09		1	5.01	50	2.00	0.00	1.20	1.20	0.80	0.66	52.69	02/02/2018	13:49
11	J1436-04		1	5.03	50	2.00	1.20	2.28	1.08	0.92	0.78	62.03	02/02/2018	13:52
12	J1436-08		1	5.00	50	2.00	2.28	3.28	1.00	1.00	0.86	68.80	02/02/2018	13:55

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	J1436-12		1	5.01	50	2.00	3.28	4.36	1.08	0.92	0.78	62.28	02/02/2018	13:59
14	J1436-16		1	5.04	50	2.00	4.36	5.42	1.06	0.94	0.80	63.49	02/02/2018	14:02
15	J1436-20		1	5.02	50	2.00	5.42	6.36	0.94	1.06	0.92	73.31	02/02/2018	14:05

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