

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB96421

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB110822BL		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	07/03/2018	14:32
2	J3814-03		1	5.03	50	2.00	1.86	3.54	1.68	0.32	0.18	14.31	07/03/2018	14:35
3	J3814-03DUP		1	5.02	50	2.00	3.54	5.24	1.70	0.30	0.16	12.75	07/03/2018	14:38
4	J3815-03		1	5.03	50	2.00	5.24	6.80	1.56	0.44	0.30	23.86	07/03/2018	14:40
5	J3816-01		1	5.04	50	2.00	6.80	8.30	1.50	0.50	0.36	28.57	07/03/2018	14:42
6	J3816-02		1	5.01	50	2.00	0.00	1.52	1.52	0.48	0.34	27.15	07/03/2018	14:45
7	J3816-03		1	5.05	50	2.00	1.52	2.98	1.46	0.54	0.40	31.68	07/03/2018	14:48
8	J3816-04		1	5.02	50	2.00	0.00	1.32	1.32	0.68	0.54	43.03	07/03/2018	14:50
9	J3816-05		1	5.00	50	2.00	1.32	2.80	1.48	0.52	0.38	30.40	07/03/2018	14:52
10	J3816-06		1	5.01	50	2.00	2.80	4.26	1.46	0.54	0.40	31.94	07/03/2018	14:55
11	J3816-09		1	5.03	50	2.00	4.26	5.52	1.26	0.74	0.60	47.71	07/03/2018	14:58
12	J3818-03		1	5.02	50	2.00	5.52	6.86	1.34	0.66	0.52	41.43	07/03/2018	15:02

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	J3826-02		1	5.04	50	2.00	6.86	8.28	1.42	0.58	0.44	34.92	07/03/2018	15:05
14	J3840-04		1	5.00	50	2.00	0.00	1.36	1.36	0.64	0.50	40.00	07/03/2018	15:08
15	J3840-09		1	5.05	50	2.00	1.36	2.60	1.24	0.76	0.62	49.11	07/03/2018	15:10
16	J3840-13		1	5.02	50	2.00	2.60	3.64	1.04	0.96	0.82	65.34	07/03/2018	15:12
17	J3840-18		1	5.04	50	2.00	3.64	4.96	1.32	0.68	0.54	42.86	07/03/2018	15:15

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