

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB96569

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	PB111009BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	07/11/2018	13:32
2	J3824-02		1	5.03	50	2.00	1.70	3.30	1.60	0.40	0.10	7.95	07/11/2018	13:35
3	J3824-02DUP		1	5.01	50	2.00	3.30	4.92	1.62	0.38	0.08	6.39	07/11/2018	13:38
4	J3828-02		1	5.03	50	2.00	4.92	6.46	1.54	0.46	0.16	12.72	07/11/2018	13:42
5	J3828-04		1	5.04	50	2.00	6.46	8.14	1.68	0.32	0.02	1.59	07/11/2018	13:45
6	J3828-06		1	5.01	50	2.00	8.14	9.66	1.52	0.48	0.18	14.37	07/11/2018	13:48
7	J3832-02		1	5.05	50	2.00	0.00	1.56	1.56	0.44	0.14	11.09	07/11/2018	13:50
8	J3918-02		1	5.02	50	2.00	1.56	3.20	1.64	0.36	0.06	4.78	07/11/2018	13:52
9	J3924-02		1	5.00	50	2.00	3.20	4.78	1.58	0.42	0.12	9.60	07/11/2018	13:55
10	J3926-02		1	5.01	50	2.00	4.78	6.22	1.44	0.56	0.26	20.76	07/11/2018	13:58
11	J3927-04		1	5.03	50	2.00	6.22	7.58	1.36	0.64	0.34	27.04	07/11/2018	14:02
12	J3928-02		1	5.02	50	2.00	7.58	9.20	1.62	0.38	0.08	6.37	07/11/2018	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

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13	J3930-04		1	5.04	50	2.00	0.00	1.30	1.30	0.70	0.40	31.75	07/11/2018	14:08

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