

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97969

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	PB112940BL		1	5.05	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/17/2018	16:55
2	J4940-04		1	5.03	50	2.00	1.94	3.82	1.88	0.12	0.06	4.77	09/17/2018	16:58
3	J4940-04DUP		1	5.02	50	2.00	3.82	5.68	1.86	0.14	0.08	6.37	09/17/2018	17:02
4	J4940-08		1	5.03	50	2.00	0.00	1.66	1.66	0.34	0.28	22.27	09/17/2018	17:05
5	J4941-03		1	5.02	50	2.00	1.66	3.50	1.84	0.16	0.10	7.97	09/17/2018	17:08
6	J4941-06		1	5.05	50	2.00	3.50	5.26	1.76	0.24	0.18	14.26	09/17/2018	17:12
7	J4943-03		1	5.03	50	2.00	5.26	6.82	1.56	0.44	0.38	30.22	09/17/2018	17:15
8	J4944-03		1	5.04	50	2.00	6.82	8.70	1.88	0.12	0.06	4.76	09/17/2018	17:18
9	J4945-03		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.26	20.72	09/17/2018	17:22
10	J4946-03		1	5.06	50	2.00	1.68	3.28	1.60	0.40	0.34	26.88	09/17/2018	17:25
11	J4947-03		1	5.04	50	2.00	3.28	4.74	1.46	0.54	0.48	38.10	09/17/2018	17:28
12	J4948-03		1	5.05	50	2.00	4.74	6.34	1.60	0.40	0.34	26.93	09/17/2018	17:32

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	J4949-03		1	5.01	50	2.00	6.34	7.74	1.40	0.60	0.54	43.11	09/17/2018	17:35
14	J4950-03		1	5.03	50	2.00	7.74	9.42	1.68	0.32	0.26	20.68	09/17/2018	17:38
15	J4951-03		1	5.06	50	2.00	0.00	1.44	1.44	0.56	0.50	39.53	09/17/2018	17:42
16	J4952-03		1	5.05	50	2.00	1.44	2.88	1.44	0.56	0.50	39.60	09/17/2018	17:45

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