

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97264

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	PB111987BL		1	5.03	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	08/13/2018	13:05
2	J4427-03		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.02	1.59	08/13/2018	13:08
3	J4427-03DUP		1	5.03	50	2.00	1.96	3.90	1.94	0.06	0.04	3.18	08/13/2018	13:10
4	J4442-10		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.08	6.37	08/13/2018	13:12
5	J4442-20		1	5.01	50	2.00	1.90	3.88	1.98	0.02	0.00	0.00	08/13/2018	13:15
6	J4442-30		1	5.06	50	2.00	3.88	5.82	1.94	0.06	0.04	3.16	08/13/2018	13:18
7	J4442-40		1	5.01	50	2.00	5.82	7.74	1.92	0.08	0.06	4.79	08/13/2018	13:20
8	J4442-50		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.18	14.29	08/13/2018	13:22
9	J4443-10		1	5.06	50	2.00	1.80	3.62	1.82	0.18	0.16	12.65	08/13/2018	13:25
10	J4447-05		1	5.04	50	2.00	3.62	5.42	1.80	0.20	0.18	14.29	08/13/2018	13:28
11	J4447-15		1	5.03	50	2.00	5.42	7.20	1.78	0.22	0.20	15.90	08/13/2018	13:30
12	J4447-25		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.08	6.36	08/13/2018	13:32

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	J4447-35		1	5.02	50	2.00	1.90	3.56	1.66	0.34	0.32	25.50	08/13/2018	13:35
14	J4447-45		1	5.05	50	2.00	3.56	5.44	1.88	0.12	0.10	7.92	08/13/2018	13:38

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