

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97348

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	PB112127BL		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	08/16/2018	14:44
2	J4269-02		1	5.02	50	2.00	1.82	3.40	1.58	0.42	0.24	19.12	08/16/2018	14:56
3	J4269-02DUP		1	5.03	50	2.00	3.40	5.00	1.60	0.40	0.22	17.50	08/16/2018	14:59
4	J4269-04		1	5.03	50	2.00	5.00	6.46	1.46	0.54	0.36	28.63	08/16/2018	15:02
5	J4282-06		1	5.05	50	2.00	6.46	7.92	1.46	0.54	0.36	28.51	08/16/2018	15:05
6	J4282-08		1	5.01	50	2.00	0.00	1.32	1.32	0.68	0.50	39.92	08/16/2018	15:08
7	J4486-03		1	5.00	50	2.00	1.32	2.68	1.36	0.64	0.46	36.80	08/16/2018	15:12
8	J4500-04		1	5.02	50	2.00	2.68	4.06	1.38	0.62	0.44	35.06	08/16/2018	15:15
9	J4500-08		1	5.06	50	2.00	4.06	5.32	1.26	0.74	0.56	44.27	08/16/2018	15:18
10	J4500-12		1	5.02	50	2.00	5.32	6.58	1.26	0.74	0.56	44.62	08/16/2018	15:20
11	J4500-16		1	5.03	50	2.00	6.58	7.82	1.24	0.76	0.58	46.12	08/16/2018	15:22
12	J4500-20		1	5.01	50	2.00	0.00	1.22	1.22	0.78	0.60	47.90	08/16/2018	15:25

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	J4500-24		1	5.02	50	2.00	1.22	2.46	1.24	0.76	0.58	46.22	08/16/2018	15:28

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