

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102016

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2479
Starch Solution, 4L	W2379

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	PB118797BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	04/10/2019	13:10
2	K2200-02		1	5.02	50	2.00	1.80	3.56	1.76	0.24	0.04	3.19	04/10/2019	13:12
3	K2200-02DUP		1	5.04	50	2.00	3.56	5.30	1.74	0.26	0.06	4.76	04/10/2019	13:15
4	K2200-04		1	5.05	50	2.00	5.30	7.08	1.78	0.22	0.02	1.58	04/10/2019	13:18
5	K2200-06		1	5.00	50	2.00	7.08	8.68	1.60	0.40	0.20	16.00	04/10/2019	13:22
6	K2203-06		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.12	9.56	04/10/2019	13:25
7	K2203-08		1	5.03	50	2.00	1.68	3.32	1.64	0.36	0.16	12.72	04/10/2019	13:28
8	K2342-04		1	5.04	50	2.00	3.32	5.10	1.78	0.22	0.02	1.59	04/10/2019	13:32
9	K2342-08		1	5.02	50	2.00	5.10	6.82	1.72	0.28	0.08	6.37	04/10/2019	13:35
10	K2342-12		1	5.03	50	2.00	6.82	8.36	1.54	0.46	0.26	20.68	04/10/2019	13:38
11	K2342-16		1	5.00	50	2.00	0.00	1.52	1.52	0.48	0.28	22.40	04/10/2019	13:42
12	K2343-04		1	5.02	50	2.00	1.52	3.18	1.66	0.34	0.14	11.16	04/10/2019	13:45

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

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13	K2343-08		1	5.05	50	2.00	3.18	4.96	1.78	0.22	0.02	1.58	04/10/2019	13:48
14	K2344-03		1	5.02	50	2.00	4.96	6.58	1.62	0.38	0.18	14.34	04/10/2019	13:52
15	K2344-05		1	5.05	50	2.00	6.58	8.18	1.60	0.40	0.20	15.84	04/10/2019	13:55
16	K2346-03		1	5.03	50	2.00	0.00	1.58	1.58	0.42	0.22	17.50	04/10/2019	13:58

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