

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102298

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
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	PB119149BL		1	5.07	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	04/23/2019	14:10
2	K2204-04		1	5.02	50	2.00	1.78	3.52	1.74	0.26	0.04	3.19	04/23/2019	14:12
3	K2204-04DUP		1	5.04	50	2.00	3.52	5.28	1.76	0.24	0.02	1.59	04/23/2019	14:15
4	K2475-02		1	5.05	50	2.00	0.00	1.72	1.72	0.28	0.06	4.75	04/23/2019	14:18
5	K2475-04		1	5.08	50	2.00	1.72	3.32	1.60	0.40	0.18	14.17	04/23/2019	14:22
6	K2475-06		1	5.07	50	2.00	3.32	4.90	1.58	0.42	0.20	15.78	04/23/2019	14:25
7	K2475-08		1	5.03	50	2.00	4.90	6.60	1.70	0.30	0.08	6.36	04/23/2019	14:28
8	K2518-04		1	5.09	50	2.00	6.60	8.28	1.68	0.32	0.10	7.86	04/23/2019	14:32
9	K2518-07		1	5.06	50	2.00	0.00	1.62	1.62	0.38	0.16	12.65	04/23/2019	14:35
10	K2522-08		1	5.07	50	2.00	1.62	3.22	1.60	0.40	0.18	14.20	04/23/2019	14:38
11	K2526-03		1	5.08	50	2.00	3.22	4.86	1.64	0.36	0.14	11.02	04/23/2019	14:42
12	K2528-01		1	5.09	50	2.00	4.86	6.48	1.62	0.38	0.16	12.57	04/23/2019	14:45

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	K2529-05		1	5.07	50	2.00	6.48	8.08	1.60	0.40	0.18	14.20	04/23/2019	14:48
14	K2532-04		1	5.06	50	2.00	8.08	9.72	1.64	0.36	0.14	11.07	04/23/2019	14:52
15	K2532-08		1	5.07	50	2.00	0.00	1.60	1.60	0.40	0.18	14.20	04/23/2019	14:55
16	K2532-12		1	5.08	50	2.00	1.60	3.22	1.62	0.38	0.16	12.60	04/23/2019	14:58
17	K2532-16		1	5.09	50	2.00	3.22	4.90	1.68	0.32	0.10	7.86	04/23/2019	15:02
18	K2532-20		1	5.07	50	2.00	4.90	6.52	1.62	0.38	0.16	12.62	04/23/2019	15:05
19	K2532-24		1	5.08	50	2.00	6.52	8.16	1.64	0.36	0.14	11.02	04/23/2019	15:08

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