

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB101791

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	W2410
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	PB118491BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	04/01/2019	13:45
2	K1689-04		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.02	1.59	04/01/2019	13:48
3	K1689-04DUP		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.04	3.18	04/01/2019	13:50
4	K1689-06		1	5.05	50	2.00	5.52	7.32	1.80	0.20	0.06	4.75	04/01/2019	13:52
5	K1692-06		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.08	6.34	04/01/2019	13:55
6	K2171-02		1	5.02	50	2.00	1.78	3.60	1.82	0.18	0.04	3.19	04/01/2019	13:58
7	K2174-02		1	5.03	50	2.00	3.60	5.44	1.84	0.16	0.02	1.59	04/01/2019	14:02
8	K2179-04		1	5.04	50	2.00	5.44	7.22	1.78	0.22	0.08	6.35	04/01/2019	14:05
9	K2179-08		1	5.00	50	2.00	7.22	9.04	1.82	0.18	0.04	3.20	04/01/2019	14:08
10	K2179-12		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.06	4.78	04/01/2019	14:10
11	K2179-16		1	5.00	50	2.00	1.80	3.64	1.84	0.16	0.02	1.60	04/01/2019	14:12
12	K2179-20		1	5.05	50	2.00	3.64	5.46	1.82	0.18	0.04	3.17	04/01/2019	14:15

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	K2180-04		1	5.01	50	2.00	5.46	7.26	1.80	0.20	0.06	4.79	04/01/2019	14:18
14	K2180-08		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.12	9.54	04/01/2019	14:20
15	K2180-12		1	5.05	50	2.00	1.74	3.52	1.78	0.22	0.08	6.34	04/01/2019	14:22
16	K2180-16		1	5.00	50	2.00	3.52	5.20	1.68	0.32	0.18	14.40	04/01/2019	14:25
17	K2180-20		1	5.05	50	2.00	5.20	7.00	1.80	0.20	0.06	4.75	04/01/2019	14:28
18	K2180-24		1	5.00	50	2.00	7.00	8.86	1.86	0.14	0.00	0.00	04/01/2019	14:32
19	K2180-28		1	5.01	50	2.00	0.00	1.76	1.76	0.24	0.10	7.98	04/01/2019	14:35
20	K2180-32		1	5.04	50	2.00	1.76	3.44	1.68	0.32	0.18	14.29	04/01/2019	14:38

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