

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100778

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
IODINE SOLUTION .025N 1L	W2410
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	PB117020BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	02/11/2019	14:05
2	K1356-06		1	5.02	50	2.00	1.88	3.68	1.80	0.20	0.08	6.37	02/11/2019	14:08
3	K1356-06DUP		1	5.04	50	2.00	3.68	5.50	1.82	0.18	0.06	4.76	02/11/2019	14:12
4	K1356-08		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.10	7.92	02/11/2019	14:15
5	K1423-03		1	5.02	50	2.00	1.78	3.50	1.72	0.28	0.16	12.75	02/11/2019	14:18
6	K1424-03		1	5.03	50	2.00	3.50	5.22	1.72	0.28	0.16	12.72	02/11/2019	14:22
7	K1442-07		1	5.06	50	2.00	5.22	6.86	1.64	0.36	0.24	18.97	02/11/2019	14:25
8	K1442-08		1	5.04	50	2.00	6.86	8.60	1.74	0.26	0.14	11.11	02/11/2019	14:28
9	K1442-09		1	5.02	50	2.00	0.00	1.56	1.56	0.44	0.32	25.50	02/11/2019	14:32
10	K1450-02		1	5.03	50	2.00	1.56	3.22	1.66	0.34	0.22	17.50	02/11/2019	14:35
11	K1450-04		1	5.02	50	2.00	3.22	5.00	1.78	0.22	0.10	7.97	02/11/2019	14:38
12	K1452-04		1	5.03	50	2.00	5.00	6.52	1.52	0.48	0.36	28.63	02/11/2019	14:42

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	K1453-04		1	5.01	50	2.00	6.52	8.00	1.48	0.52	0.40	31.94	02/11/2019	14:45
14	K1453-08		1	5.06	50	2.00	0.00	1.60	1.60	0.40	0.28	22.13	02/11/2019	14:48
15	K1453-12		1	5.05	50	2.00	1.60	3.30	1.70	0.30	0.18	14.26	02/11/2019	14:52
16	K1453-16		1	5.04	50	2.00	3.30	5.04	1.74	0.26	0.14	11.11	02/11/2019	14:55
17	K1454-04		1	5.01	50	2.00	5.04	6.62	1.58	0.42	0.30	23.95	02/11/2019	14:58

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