

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104975

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB122828BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/05/2019	14:52
2	K4692-17		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	09/05/2019	14:55
3	K4692-17DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	09/05/2019	14:58
4	K4692-18		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	09/05/2019	15:02
5	K4692-19		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	09/05/2019	15:05
6	K4692-20		1	5.03	50	2.00	1.84	3.66	1.82	0.18	0.10	7.95	09/05/2019	15:08
7	K4692-21		1	5.06	50	2.00	3.66	5.56	1.90	0.10	0.02	1.58	09/05/2019	15:12
8	K4692-22		1	5.04	50	2.00	5.56	7.38	1.82	0.18	0.10	7.94	09/05/2019	15:15
9	K4692-23		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	09/05/2019	15:18
10	K4692-24		1	5.03	50	2.00	1.84	3.72	1.88	0.12	0.04	3.18	09/05/2019	15:22
11	K4693-04		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.12	9.50	09/05/2019	15:25
12	K4693-08		1	5.03	50	2.00	1.80	3.60	1.80	0.20	0.12	9.54	09/05/2019	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

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13	K4696-11		1	5.04	50	2.00	3.60	5.42	1.82	0.18	0.10	7.94	09/05/2019	15:32
14	K4696-12		1	5.05	50	2.00	5.42	7.20	1.78	0.22	0.14	11.09	09/05/2019	15:35
15	K4696-13		1	5.03	50	2.00	7.20	8.92	1.72	0.28	0.20	15.90	09/05/2019	15:38
16	K4696-14		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.16	12.70	09/05/2019	15:42
17	K4696-15		1	5.03	50	2.00	1.76	3.50	1.74	0.26	0.18	14.31	09/05/2019	15:45

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