

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102445

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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	PB119336BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/30/2019	14:05
2	K2194-02		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.02	1.59	04/30/2019	14:15
3	K2194-02DUP		1	5.04	50	2.00	3.74	5.58	1.84	0.16	0.04	3.17	04/30/2019	14:18
4	K2194-04		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	04/30/2019	14:22
5	K2194-06		1	5.00	50	2.00	1.84	3.70	1.86	0.14	0.02	1.60	04/30/2019	14:25
6	K2194-08		1	5.02	50	2.00	3.70	5.36	1.66	0.34	0.22	17.53	04/30/2019	14:28
7	K2194-10		1	5.03	50	2.00	5.36	7.16	1.80	0.20	0.08	6.36	04/30/2019	14:32
8	K2194-12		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	04/30/2019	14:35
9	K2194-14		1	5.01	50	2.00	1.84	3.58	1.74	0.26	0.14	11.18	04/30/2019	14:38
10	K2194-16		1	5.00	50	2.00	3.58	5.22	1.64	0.36	0.24	19.20	04/30/2019	14:42
11	K2194-18		1	5.02	50	2.00	5.22	6.82	1.60	0.40	0.28	22.31	04/30/2019	14:45
12	K2199-18		1	5.01	50	2.00	6.82	8.50	1.68	0.32	0.20	15.97	04/30/2019	14:48

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	K2199-20		1	5.05	50	2.00	0.00	1.60	1.60	0.40	0.28	22.18	04/30/2019	14:52

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