

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104656

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
IODINE SOLUTION .025N 1L	W2480
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	PB122333BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	08/16/2019	13:15
2	K3616-07		1	5.03	50	2.00	1.88	3.70	1.82	0.18	0.06	4.77	08/16/2019	13:18
3	K3616-07DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	08/16/2019	13:22
4	K3616-14		1	5.05	50	2.00	5.54	7.32	1.78	0.22	0.10	7.92	08/16/2019	13:25
5	K3616-17		1	5.02	50	2.00	7.32	9.12	1.80	0.20	0.08	6.37	08/16/2019	13:28
6	K4090-12		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.04	3.18	08/16/2019	13:32
7	K4350-09		1	5.06	50	2.00	1.84	3.66	1.82	0.18	0.06	4.74	08/16/2019	13:35
8	K4350-10		1	5.01	50	2.00	3.66	5.52	1.86	0.14	0.02	1.60	08/16/2019	13:38
9	K4371-01		1	5.04	50	2.00	5.52	7.32	1.80	0.20	0.08	6.35	08/16/2019	13:42
10	K4372-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.06	4.78	08/16/2019	13:45
11	K4377-02		1	5.04	50	2.00	1.82	3.62	1.80	0.20	0.08	6.35	08/16/2019	13:48
12	K4377-04		1	5.05	50	2.00	3.62	5.40	1.78	0.22	0.10	7.92	08/16/2019	13:52

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

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13	K4383-04		1	5.02	50	2.00	5.40	7.22	1.82	0.18	0.06	4.78	08/16/2019	13:55

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