

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102687

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	PB119636BL		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	05/10/2019	13:45
2	K2642-04		1	5.02	50	2.00	1.84	3.66	1.82	0.18	0.02	1.59	05/10/2019	13:48
3	K2642-04DUP		1	5.04	50	2.00	3.66	5.46	1.80	0.20	0.04	3.17	05/10/2019	13:52
4	K2647-06		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.06	4.75	05/10/2019	13:55
5	K2647-08		1	5.00	50	2.00	1.78	3.58	1.80	0.20	0.04	3.20	05/10/2019	13:58
6	K2770-03		1	5.02	50	2.00	3.58	5.40	1.82	0.18	0.02	1.59	05/10/2019	14:02
7	K2770-06		1	5.03	50	2.00	5.40	7.16	1.76	0.24	0.08	6.36	05/10/2019	14:05
8	K2779-02		1	5.02	50	2.00	7.16	8.94	1.78	0.22	0.06	4.78	05/10/2019	14:08
9	K2779-04		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.10	7.95	05/10/2019	14:12
10	K2779-06		1	5.01	50	2.00	1.74	3.56	1.82	0.18	0.02	1.60	05/10/2019	14:15
11	K2792-01		1	5.04	50	2.00	3.56	5.32	1.76	0.24	0.08	6.35	05/10/2019	14:18
12	K2801-03		1	5.02	50	2.00	5.32	7.04	1.72	0.28	0.12	9.56	05/10/2019	14:22

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	K2801-06		1	5.03	50	2.00	7.04	8.84	1.80	0.20	0.04	3.18	05/10/2019	14:25
14	K2801-09		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.08	6.35	05/10/2019	14:28

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