

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102931

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	PB119975BL		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/22/2019	14:05
2	K2642-06		1	5.02	50	2.00	1.92	3.82	1.90	0.10	0.02	1.59	05/22/2019	14:08
3	K2642-06DUP		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.04	3.17	05/22/2019	14:12
4	K2970-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	05/22/2019	14:15
5	K2970-08		1	5.00	50	2.00	1.86	3.74	1.88	0.12	0.04	3.20	05/22/2019	14:18
6	K2970-16		1	5.02	50	2.00	3.74	5.54	1.80	0.20	0.12	9.56	05/22/2019	14:22
7	K2971-18		1	5.03	50	2.00	5.54	7.38	1.84	0.16	0.08	6.36	05/22/2019	14:25
8	K2971-19		1	5.02	50	2.00	7.38	9.28	1.90	0.10	0.02	1.59	05/22/2019	14:28
9	K2971-20		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	05/22/2019	14:32
10	K2971-21		1	5.01	50	2.00	1.82	3.74	1.92	0.08	0.00	0.00	05/22/2019	14:35
11	K2971-22		1	5.05	50	2.00	3.74	5.64	1.90	0.10	0.02	1.58	05/22/2019	14:38
12	K2978-03		1	5.02	50	2.00	5.64	7.50	1.86	0.14	0.06	4.78	05/22/2019	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	K2978-08		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/22/2019	14:45

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