

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102166

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	PB118986BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	04/17/2019	14:05
2	K2196-06		1	5.02	50	2.00	1.86	3.58	1.72	0.28	0.14	11.16	04/17/2019	14:08
3	K2196-06DUP		1	5.04	50	2.00	3.58	5.32	1.74	0.26	0.12	9.52	04/17/2019	14:12
4	K2197-06		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.08	6.34	04/17/2019	14:15
5	K2197-08		1	5.00	50	2.00	1.78	3.48	1.70	0.30	0.16	12.80	04/17/2019	14:18
6	K2197-10		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.16	12.75	04/17/2019	14:20
7	K2197-12		1	5.03	50	2.00	1.70	3.30	1.60	0.40	0.26	20.68	04/17/2019	14:22
8	K2197-14		1	5.04	50	2.00	3.30	5.14	1.84	0.16	0.02	1.59	04/17/2019	14:25
9	K2198-04		1	5.02	50	2.00	5.14	6.84	1.70	0.30	0.16	12.75	04/17/2019	14:28
10	K2434-03		1	5.03	50	2.00	6.84	8.40	1.56	0.44	0.30	23.86	04/17/2019	14:32
11	K2441-04		1	5.04	50	2.00	0.00	1.74	1.74	0.26	0.12	9.52	04/17/2019	14:35
12	K2442-04		1	5.01	50	2.00	1.70	3.52	1.82	0.18	0.04	3.19	04/17/2019	14:38

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	K2442-08		1	5.02	50	2.00	3.52	5.26	1.74	0.26	0.12	9.56	04/17/2019	14:42
14	K2442-12		1	5.04	50	2.00	5.26	6.90	1.64	0.36	0.22	17.46	04/17/2019	14:45
15	K2442-16		1	5.03	50	2.00	6.90	8.64	1.74	0.26	0.12	9.54	04/17/2019	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