

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101377

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
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	PB117916BL		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	03/14/2019	13:15
2	K1866-02		1	5.03	50	2.00	1.82	3.58	1.76	0.24	0.06	4.77	03/14/2019	13:18
3	K1866-02DUP		1	5.02	50	2.00	3.58	5.32	1.74	0.26	0.08	6.37	03/14/2019	13:22
4	K1866-04		1	5.05	50	2.00	5.32	7.00	1.68	0.32	0.14	11.09	03/14/2019	13:25
5	K1866-06		1	5.00	50	2.00	7.00	8.72	1.72	0.28	0.10	8.00	03/14/2019	13:28
6	K1866-08		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.02	1.59	03/14/2019	13:32
7	K1866-10		1	5.06	50	2.00	1.80	3.58	1.78	0.22	0.04	3.16	03/14/2019	13:35
8	K1866-12		1	5.02	50	2.00	3.58	5.30	1.72	0.28	0.10	7.97	03/14/2019	13:38
9	K1866-14		1	5.01	50	2.00	5.30	6.94	1.64	0.36	0.18	14.37	03/14/2019	13:42
10	K1866-16		1	5.00	50	2.00	6.94	8.70	1.76	0.24	0.06	4.80	03/14/2019	13:45
11	K1892-01		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.12	9.52	03/14/2019	13:48
12	K1895-02		1	5.05	50	2.00	1.70	3.34	1.64	0.36	0.18	14.26	03/14/2019	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	K1897-04		1	5.02	50	2.00	3.34	5.06	1.72	0.28	0.10	7.97	03/14/2019	13:55
14	K1897-09		1	5.00	50	2.00	5.06	6.84	1.78	0.22	0.04	3.20	03/14/2019	13:58

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