

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB101283

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	PB117777BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/09/2019	13:15
2	K1689-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	03/09/2019	13:18
3	K1689-02DUP		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.06	4.76	03/09/2019	13:22
4	K1691-02		1	5.05	50	2.00	3.70	5.52	1.82	0.18	0.08	6.34	03/09/2019	13:25
5	K1691-04		1	5.00	50	2.00	5.52	7.28	1.76	0.24	0.14	11.20	03/09/2019	13:28
6	K1691-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	03/09/2019	13:32
7	K1691-08		1	5.03	50	2.00	1.84	3.60	1.76	0.24	0.14	11.13	03/09/2019	13:35
8	K1692-02		1	5.04	50	2.00	3.60	5.38	1.78	0.22	0.12	9.52	03/09/2019	13:38
9	K1822-03		1	5.02	50	2.00	5.38	7.22	1.84	0.16	0.06	4.78	03/09/2019	13:42
10	K1835-04		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.16	12.72	03/09/2019	13:45
11	K1837-02		1	5.02	50	2.00	1.74	3.46	1.72	0.28	0.18	14.34	03/09/2019	13:48
12	K1837-04		1	5.01	50	2.00	3.46	5.28	1.82	0.18	0.08	6.39	03/09/2019	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	K1837-06		1	5.02	50	2.00	5.28	7.06	1.78	0.22	0.12	9.56	03/09/2019	13:55
14	K1837-08		1	5.05	50	2.00	7.06	8.90	1.84	0.16	0.06	4.75	03/09/2019	13:58
15	K1837-12		1	5.00	50	2.00	0.00	1.76	1.76	0.24	0.14	11.20	03/09/2019	14:02
16	K1837-14		1	5.02	50	2.00	1.76	3.56	1.80	0.20	0.10	7.97	03/09/2019	14:05

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