CHEMTECH

Analytical Summary Report

Analysis Method: 9034
Parameter: Reactive Sulfide
Run Number: LB105166

ANALYST: ketankumar
SUPERVISOR REVIEW BY: apatel
Constant: 16000
Normality1: 0.025
Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB123137BL		1	5.05	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/16/2019	17:32
2	K4661-06		1	5.02	50	2.00	1.96	3.82	1.86	0.14	0.10	7.97	09/16/2019	17:35
3	K4661-06DUP		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.08	6.35	09/16/2019	17:38
4	K4664-09		1	5.05	50	2.00	5.70	7.62	1.92	0.08	0.04	3.17	09/16/2019	17:40
5	K4666-18		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.06	4.75	09/16/2019	17:48
6	K4847-15		1	5.02	50	2.00	1.90	3.82	1.92	0.08	0.04	3.19	09/16/2019	17:50
7	K4847-16		1	5.03	50	2.00	3.82	5.76	1.94	0.06	0.02	1.59	09/16/2019	17:52
8	K4847-17		1	5.04	50	2.00	5.76	7.68	1.92	0.08	0.04	3.17	09/16/2019	17:55
9	K4847-18		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	09/16/2019	17:58
10	K4847-19		1	5.03	50	2.00	1.94	3.82	1.88	0.12	0.08	6.36	09/16/2019	18:00
11	K4847-20		1	5.02	50	2.00	3.82	5.70	1.88	0.12	0.08	6.37	09/16/2019	18:02
12	K4847-21		1	5.03	50	2.00	5.70	7.54	1.84	0.16	0.12	9.54	09/16/2019	18:05

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

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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
13	K4860-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.08	6.35	09/16/2019	18:08
14	K4861-04		1	5.03	50	2.00	1.88	3.74	1.86	0.14	0.10	7.95	09/16/2019	18:12
15	K4861-08		1	5.02	50	2.00	3.74	5.52	1.78	0.22	0.18	14.34	09/16/2019	18:15
16	K4861-12		1	5.01	50	2.00	5.52	7.28	1.76	0.24	0.20	15.97	09/16/2019	18:18
17	K4873-07		1	5.05	50	2.00	7.28	9.08	1.80	0.20	0.16	12.67	09/16/2019	18:20
18	K4873-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.08	6.32	09/16/2019	18:22
19	K4873-09		1	5.03	50	2.00	1.88	3.64	1.76	0.24	0.20	15.90	09/16/2019	18:25
20	K4886-04		1	5.02	50	2.00	3.64	5.48	1.84	0.16	0.12	9.56	09/16/2019	18:28
21	K4889-02		1	5.06	50	2.00	5.48	7.34	1.86	0.14	0.10	7.91	09/16/2019	18:30

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