

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101179

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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)	AnalDate	Anal Time
1	PB117638BL		1	5.02	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	03/05/2019	13:40
2	PB117638BS	250	1	5.05	50	5.00	0.00	2.20	2.20	2.80	2.52	199.60	03/05/2019	13:42
3	K1724-01		1	5.02	50	5.00	0.00	4.32	4.32	0.68	0.40	31.87	03/05/2019	13:45
4	K1724-01DUP		1	5.03	50	5.00	4.32	8.66	4.34	0.66	0.38	30.22	03/05/2019	13:48
5	K1724-01MS	250	1	5.05	50	5.00	0.00	3.42	3.42	1.58	1.30	102.97	03/05/2019	13:52
6	K1724-01MSD	250	1	5.05	50	5.00	3.42	6.82	3.40	1.60	1.32	104.55	03/05/2019	13:55
7	K1724-02		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.12	9.56	03/05/2019	13:58
8	K1724-03		1	5.06	50	5.00	4.60	8.70	4.10	0.90	0.62	49.01	03/05/2019	14:02
9	K1724-04		1	5.04	50	5.00	0.00	4.30	4.30	0.70	0.42	33.33	03/05/2019	14:05
10	K1724-05		1	5.02	50	5.00	4.30	8.50	4.20	0.80	0.52	41.43	03/05/2019	14:08
11	K1724-06		1	5.03	50	5.00	0.00	4.30	4.30	0.70	0.42	33.40	03/05/2019	14:12

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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12	K1724-07		1	5.02	50	5.00	4.30	8.38	4.08	0.92	0.64	51.00	03/05/2019	14:15
13	K1724-08		1	5.03	50	5.00	0.00	4.08	4.08	0.92	0.64	50.89	03/05/2019	14:18
14	K1724-09		1	5.04	50	5.00	4.08	8.36	4.28	0.72	0.44	34.92	03/05/2019	14:22
15	K1724-10		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.82	65.21	03/05/2019	14:25
16	K1724-11		1	5.02	50	5.00	3.90	8.02	4.12	0.88	0.60	47.81	03/05/2019	14:28
17	K1724-12		1	5.04	50	5.00	0.00	3.84	3.84	1.16	0.88	69.84	03/05/2019	14:32
18	K1724-13		1	5.01	50	5.00	3.84	7.76	3.92	1.08	0.80	63.87	03/05/2019	14:35
19	K1724-14		1	5.00	50	5.00	0.00	4.16	4.16	0.84	0.56	44.80	03/05/2019	14:38
20	K1724-15		1	5.01	50	5.00	4.16	7.90	3.74	1.26	0.98	78.24	03/05/2019	14:42
21	K1724-16		1	5.04	50	5.00	0.00	3.68	3.68	1.32	1.04	82.54	03/05/2019	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