

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101177

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.03
 Normality2: 0.03

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	PB117633BL		1	5.02	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	03/05/2019	12:05
2	PB117633BS	250	1	5.03	50	5.00	0.00	2.20	2.20	2.80	2.52	200.40	03/05/2019	12:08
3	K1560-03		1	5.02	50	5.00	0.00	4.64	4.64	0.36	0.08	6.37	03/05/2019	12:12
4	K1723-01		1	5.04	50	5.00	0.00	3.80	3.80	1.20	0.92	73.02	03/05/2019	12:15
5	K1723-01DUP		1	5.05	50	5.00	3.80	7.62	3.82	1.18	0.90	71.29	03/05/2019	12:18
6	K1723-01MS	250	1	5.00	50	5.00	0.00	1.50	1.50	3.50	3.22	257.60	03/05/2019	12:22
7	K1723-01MSD	250	1	5.00	50	5.00	1.50	3.02	1.52	3.48	3.20	256.00	03/05/2019	12:25
8	K1723-02		1	5.03	50	5.00	3.02	6.82	3.80	1.20	0.92	73.16	03/05/2019	12:28
9	K1723-03		1	5.04	50	5.00	0.00	3.84	3.84	1.16	0.88	69.84	03/05/2019	12:32
10	K1723-04		1	5.02	50	5.00	3.84	8.30	4.46	0.54	0.26	20.72	03/05/2019	12:35
11	K1723-05		1	5.03	50	5.00	0.00	4.12	4.12	0.88	0.60	47.71	03/05/2019	12:38

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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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
12	K1723-06		1	5.00	50	5.00	4.12	8.40	4.28	0.72	0.44	35.20	03/05/2019	12:42
13	K1723-07		1	5.03	50	5.00	0.00	4.22	4.22	0.78	0.50	39.76	03/05/2019	12:45
14	K1723-08		1	5.04	50	5.00	4.22	8.54	4.32	0.68	0.40	31.75	03/05/2019	12:48
15	K1723-09		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.72	57.26	03/05/2019	12:52
16	K1723-10		1	5.05	50	5.00	4.00	8.54	4.54	0.46	0.18	14.26	03/05/2019	12:55
17	K1723-11		1	5.00	50	5.00	0.00	4.30	4.30	0.70	0.42	33.60	03/05/2019	12:58
18	K1723-12		1	5.04	50	5.00	4.30	8.44	4.14	0.86	0.58	46.03	03/05/2019	13:02
19	K1723-13		1	5.06	50	5.00	0.00	4.10	4.10	0.90	0.62	49.01	03/05/2019	13:05

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