

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109549

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	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	PB129462BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	06/10/2020	14:40
2	PB129462BS	25	1	50	50	5.00	4.80	6.92	2.12	2.88	2.68	21.44	06/10/2020	14:42
3	L2952-01		1	50	50	5.00	0.00	4.02	4.02	0.98	0.78	6.24	06/10/2020	14:45
4	L2952-01DUP		1	50	50	5.00	4.02	8.06	4.04	0.96	0.76	6.08	06/10/2020	14:48
5	L2952-01MS	25	1	50	50	5.00	0.00	1.98	1.98	3.02	2.82	22.56	06/10/2020	14:52
6	L2952-01MSD	25	1	50	50	5.00	1.98	3.98	2.00	3.00	2.80	22.40	06/10/2020	14:55
7	L2952-02		1	50	50	5.00	0.00	4.50	4.50	0.50	0.30	2.40	06/10/2020	14:58
8	L2952-03		1	50	50	5.00	4.50	8.70	4.20	0.80	0.60	4.80	06/10/2020	15:02
9	L2952-04		1	50	50	5.00	0.00	4.50	4.50	0.50	0.30	2.40	06/10/2020	15:05
10	L2952-05		1	50	50	5.00	4.50	8.70	4.20	0.80	0.60	4.80	06/10/2020	15:08
11	L2952-06		1	50	50	5.00	0.00	4.28	4.28	0.72	0.52	4.16	06/10/2020	15:12

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	L2952-07		1	50	50	5.00	4.28	8.42	4.14	0.86	0.66	5.28	06/10/2020	15:15
13	L2952-08		1	50	50	5.00	0.00	4.20	4.20	0.80	0.60	4.80	06/10/2020	15:18
14	L2952-09		1	50	50	5.00	4.20	8.02	3.82	1.18	0.98	7.84	06/10/2020	15:22
15	L2952-10		1	50	50	5.00	0.00	4.10	4.10	0.90	0.70	5.60	06/10/2020	15:25
16	L2952-11		1	50	50	5.00	4.10	7.90	3.80	1.20	1.00	8.00	06/10/2020	15:28
17	L2952-12		1	50	50	5.00	0.00	4.00	4.00	1.00	0.80	6.40	06/10/2020	15:32

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