

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109497

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	PB129397BL		1	50	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	06/08/2020	13:45
2	PB129397BS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.66	21.28	06/08/2020	13:48
3	L2942-01		1	50	50	5.00	0.00	4.58	4.58	0.42	0.32	2.56	06/08/2020	13:52
4	L2942-01DUP		1	50	50	5.00	4.58	9.14	4.56	0.44	0.34	2.72	06/08/2020	13:55
5	L2942-01MS	25	1	50	50	5.00	0.00	2.24	2.24	2.76	2.66	21.28	06/08/2020	13:58
6	L2942-01MSD	25	1	50	50	5.00	2.24	4.46	2.22	2.78	2.68	21.44	06/08/2020	14:02
7	L2942-02		1	50	50	5.00	0.00	4.62	4.62	0.38	0.28	2.24	06/08/2020	14:05
8	L2942-03		1	50	50	5.00	4.62	8.84	4.22	0.78	0.68	5.44	06/08/2020	14:08
9	L2942-05		1	50	50	5.00	0.00	4.40	4.40	0.60	0.50	4.00	06/08/2020	14:12
10	L2942-06		1	50	50	5.00	4.40	8.60	4.20	0.80	0.70	5.60	06/08/2020	14:15
11	L2942-07		1	50	50	5.00	0.00	4.24	4.24	0.76	0.66	5.28	06/08/2020	14:18

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	L2942-08		1	50	50	5.00	4.24	8.38	4.14	0.86	0.76	6.08	06/08/2020	14:22
13	L2942-09		1	50	50	5.00	0.00	4.22	4.22	0.78	0.68	5.44	06/08/2020	14:25
14	L2942-10		1	50	50	5.00	4.22	8.34	4.12	0.88	0.78	6.24	06/08/2020	14:28
15	L2942-11		1	50	50	5.00	0.00	4.04	4.04	0.96	0.86	6.88	06/08/2020	14:32

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