

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109479

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	PB129354BL		1	50	50	5.00	0.00	4.72	4.72	0.28	0.00	0.00	06/05/2020	16:02
2	PB129354BS	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.60	20.80	06/05/2020	16:05
3	L2920-01		1	50	50	5.00	0.00	4.26	4.26	0.74	0.46	3.68	06/05/2020	16:08
4	L2920-01DUP		1	50	50	5.00	4.26	8.50	4.24	0.76	0.48	3.84	06/05/2020	16:12
5	L2920-01MS	25	1	50	50	5.00	0.00	3.32	3.32	1.68	1.40	11.20	06/05/2020	16:15
6	L2920-01MSD	25	1	50	50	5.00	3.32	6.62	3.30	1.70	1.42	11.36	06/05/2020	16:18
7	L2920-03		1	50	50	5.00	0.00	4.18	4.18	0.82	0.54	4.32	06/05/2020	16:22
8	L2920-04		1	50	50	5.00	4.18	8.22	4.04	0.96	0.68	5.44	06/05/2020	16:25
9	L2920-05		1	50	50	5.00	0.00	4.28	4.28	0.72	0.44	3.52	06/05/2020	16:28
10	L2920-06		1	50	50	5.00	4.28	8.38	4.10	0.90	0.62	4.96	06/05/2020	16:32
11	L2920-07		1	50	50	5.00	0.00	3.82	3.82	1.18	0.90	7.20	06/05/2020	16:35

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	L2920-08		1	50	50	5.00	3.82	7.66	3.84	1.16	0.88	7.04	06/05/2020	16:38
13	L2920-09		1	50	50	5.00	0.00	3.76	3.76	1.24	0.96	7.68	06/05/2020	16:42
14	L2920-10		1	50	50	5.00	3.76	7.72	3.96	1.04	0.76	6.08	06/05/2020	16:45
15	L2920-11		1	50	50	5.00	0.00	3.68	3.68	1.32	1.04	8.32	06/05/2020	16:48
16	L2920-12		1	50	50	5.00	3.68	8.12	4.44	0.56	0.28	2.24	06/05/2020	16:52

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