

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114274

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
IODINE SOLUTION .025N 1L	W2763
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	PB136153BL		1	50	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	05/04/2021	14:15
2	PB136153BS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.66	21.28	05/04/2021	14:18
3	M2258-08		1	50	50	5.00	0.00	3.70	3.70	1.30	1.30	10.40	05/04/2021	14:22
4	M2258-08DUP		1	50	50	5.00	3.70	7.42	3.72	1.28	1.28	10.24	05/04/2021	14:25
5	M2258-08MS	25	1	50	50	5.00	0.00	2.60	2.60	2.40	2.40	19.20	05/04/2021	14:28
6	M2258-08MSD	25	1	50	50	5.00	2.60	5.22	2.62	2.38	2.38	19.04	05/04/2021	14:32
7	M2258-09		1	50	50	5.00	0.00	2.72	2.72	2.28	2.28	18.24	05/04/2021	14:35
8	M2258-10		1	50	50	5.00	2.72	6.92	4.20	0.80	0.80	6.40	05/04/2021	14:38
9	M2258-11		1	50	50	5.00	0.00	4.28	4.28	0.72	0.72	5.76	05/04/2021	14:42
10	M2258-12		1	50	50	5.00	4.28	8.58	4.30	0.70	0.70	5.60	05/04/2021	14:45
11	M2258-13		1	50	50	5.00	0.00	4.26	4.26	0.74	0.74	5.92	05/04/2021	14:48

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	M2258-14		1	50	50	5.00	4.26	8.56	4.30	0.70	0.70	5.60	05/04/2021	14:50
13	M2258-15		1	50	50	5.00	0.00	4.40	4.40	0.60	0.60	4.80	05/04/2021	14:52
14	M2258-16		1	50	50	5.00	4.40	8.72	4.32	0.68	0.68	5.44	05/04/2021	14:55
15	M2258-17		1	50	50	5.00	0.00	4.42	4.42	0.58	0.58	4.64	05/04/2021	14:58

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