

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114273

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 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	PB136152BL		1	5.00	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	05/04/2021	13:05
2	PB136152BS	250	1	5.00	50	5.00	0.00	2.32	2.32	2.68	2.68	214.40	05/04/2021	13:08
3	M2258-01		1	5.02	50	5.00	0.00	4.50	4.50	0.50	0.50	39.84	05/04/2021	13:12
4	M2258-01DUP		1	5.04	50	5.00	4.50	8.98	4.48	0.52	0.52	41.27	05/04/2021	13:15
5	M2258-01MS	250	1	5.05	50	5.00	0.00	2.64	2.64	2.36	2.36	186.93	05/04/2021	13:18
6	M2258-01MSD	250	1	5.05	50	5.00	2.64	5.30	2.66	2.34	2.34	185.35	05/04/2021	13:22
7	M2258-02		1	5.02	50	5.00	0.00	3.60	3.60	1.40	1.40	111.55	05/04/2021	13:25
8	M2258-03		1	5.03	50	5.00	3.60	7.60	4.00	1.00	1.00	79.52	05/04/2021	13:28
9	M2258-04		1	5.04	50	5.00	0.00	4.18	4.18	0.82	0.82	65.08	05/04/2021	13:32
10	M2258-05		1	5.03	50	5.00	4.18	8.38	4.20	0.80	0.80	63.62	05/04/2021	13:35
11	M2258-06		1	5.04	50	5.00	0.00	3.50	3.50	1.50	1.50	119.05	05/04/2021	13:38

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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12	M2258-07		1	5.05	50	5.00	3.50	7.40	3.90	1.10	1.10	87.13	05/04/2021	13:42

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