

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB114239

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	PB136100BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	04/30/2021	10:10
2	PB136100BS	25	1	50	50	5.00	0.00	2.42	2.42	2.58	2.52	20.16	04/30/2021	10:12
3	M2233-01		1	50	50	5.00	0.00	4.82	4.82	0.18	0.12	0.96	04/30/2021	10:15
4	M2233-01DUP		1	50	50	5.00	0.00	4.80	4.80	0.20	0.14	1.12	04/30/2021	10:18
5	M2233-01MS	25	1	50	50	5.00	0.00	3.18	3.18	1.82	1.76	14.08	04/30/2021	10:22
6	M2233-01MSD	25	1	50	50	5.00	0.00	3.20	3.20	1.80	1.74	13.92	04/30/2021	10:25
7	M2233-02		1	50	50	5.00	0.00	4.90	4.90	0.10	0.04	0.32	04/30/2021	10:28
8	M2233-03		1	50	50	5.00	0.00	4.64	4.64	0.36	0.30	2.40	04/30/2021	10:32
9	M2233-04		1	50	50	5.00	0.00	4.86	4.86	0.14	0.08	0.64	04/30/2021	10:35
10	M2233-05		1	50	50	5.00	0.00	4.64	4.64	0.36	0.30	2.40	04/30/2021	10:38
11	M2233-06		1	50	50	5.00	0.00	4.72	4.72	0.28	0.22	1.76	04/30/2021	10:42

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

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12	M2233-07		1	50	50	5.00	0.00	4.58	4.58	0.42	0.36	2.88	04/30/2021	10:45

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