

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112725

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
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)	Anal Date	Anal Time
1	PB133998BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/11/2021	16:05
2	M1038-10		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	01/11/2021	16:08
3	M1038-10DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	01/11/2021	16:12
4	M1044-13		1	5.05	50	2.00	5.64	7.50	1.86	0.14	0.04	3.17	01/11/2021	16:15
5	M1044-14		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.06	4.80	01/11/2021	16:18
6	M1044-15		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.04	3.19	01/11/2021	16:22
7	M1044-16		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.08	6.32	01/11/2021	16:25
8	M1044-17		1	5.03	50	2.00	5.52	7.36	1.84	0.16	0.06	4.77	01/11/2021	16:28
9	M1044-18		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	01/11/2021	16:30
10	M1044-21		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.06	4.78	01/11/2021	16:32
11	M1058-01		1	5.03	50	2.00	3.72	5.58	1.86	0.14	0.04	3.18	01/11/2021	16:35
12	M1062-01		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.08	6.35	01/11/2021	16:38

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