

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114231

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)	Anal Date	Anal Time
1	PB136043BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	04/30/2021	12:15
2	M2187-05		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	04/30/2021	12:18
3	M2187-05DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	04/30/2021	12:22
4	M2187-06		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	04/30/2021	12:25
5	M2196-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	04/30/2021	12:28
6	M2196-06		1	5.03	50	2.00	1.90	3.76	1.86	0.14	0.08	6.36	04/30/2021	12:32
7	M2198-02		1	5.06	50	2.00	3.76	5.66	1.90	0.10	0.04	3.16	04/30/2021	12:35
8	M2199-04		1	5.04	50	2.00	5.66	7.58	1.92	0.08	0.02	1.59	04/30/2021	12:38
9	M2202-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.06	4.77	04/30/2021	12:42

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