

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114300

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	PB136198BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	05/06/2021	11:10
2	M2252-02		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	05/06/2021	11:12
3	M2252-02DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	05/06/2021	11:15
4	M2252-05		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	05/06/2021	11:18
5	M2266-01		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	05/06/2021	11:20
6	M2269-01		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.06	4.77	05/06/2021	11:22
7	M2275-01		1	5.06	50	2.00	3.80	5.70	1.90	0.10	0.04	3.16	05/06/2021	11:25
8	M2275-09		1	5.04	50	2.00	5.70	7.62	1.92	0.08	0.02	1.59	05/06/2021	11:28
9	M2295-03		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	05/06/2021	11:30
10	M2295-07		1	5.04	50	2.00	1.90	3.76	1.86	0.14	0.08	6.35	05/06/2021	11:32

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