

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114684

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
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	PB136706BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	05/28/2021	12:05
2	M2512-02		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.06	4.78	05/28/2021	12:08
3	M2512-02DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	05/28/2021	12:12
4	M2512-05		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	05/28/2021	12:15
5	M2516-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	05/28/2021	12:18
6	M2551-02		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.04	3.19	05/28/2021	12:22
7	M2551-06		1	5.03	50	2.00	3.70	5.50	1.80	0.20	0.10	7.95	05/28/2021	12:25
8	M2551-10		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.08	6.35	05/28/2021	12:28

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