

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115103

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 Volume (mL)	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	PB137289BL		1	50	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	06/25/2021	17:40
2	M2812-07		1	50	50	2.00	1.88	3.70	1.82	0.18	0.06	0.48	06/25/2021	17:42
3	M2812-07DUP		1	50	50	2.00	3.70	5.54	1.84	0.16	0.04	0.32	06/25/2021	17:45
4	M2826-02		1	50	50	2.00	5.54	7.40	1.86	0.14	0.02	0.16	06/25/2021	17:48
5	M2846-03		1	50	50	2.00	0.00	1.82	1.82	0.18	0.06	0.48	06/25/2021	17:50
6	M2848-01		1	50	50	2.00	1.82	3.66	1.84	0.16	0.04	0.32	06/25/2021	17:52

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