

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112668

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	PB133950BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	01/07/2021	11:32
2	L5248-04		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	01/07/2021	11:35
3	L5248-04DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	01/07/2021	11:38
4	M1010-02		1	5.05	50	2.00	5.76	7.70	1.94	0.06	0.00	0.00	01/07/2021	11:40
5	M1019-02		1	5.04	50	2.00	7.70	9.60	1.90	0.10	0.04	3.17	01/07/2021	11:42

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