

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108268

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB127530BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/13/2020	13:15
2	L1761-10		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	03/13/2020	13:18
3	L1761-10DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	03/13/2020	13:20
4	L1762-15		1	5.05	50	2.00	5.66	7.48	1.82	0.18	0.10	7.92	03/13/2020	13:22
5	L1902-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	03/13/2020	13:25
6	L1907-04		1	5.03	50	2.00	1.86	3.70	1.84	0.16	0.08	6.36	03/13/2020	13:28
7	L1907-08		1	5.02	50	2.00	3.70	5.60	1.90	0.10	0.02	1.59	03/13/2020	13:30

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