

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109693

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
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	PB129699BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	06/22/2020	16:15
2	L3081-01		1	5.03	50	2.00	1.88	3.70	1.82	0.18	0.06	4.77	06/22/2020	16:18
3	L3081-01DUP		1	5.05	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	06/22/2020	16:20
4	L3083-01		1	5.00	50	2.00	5.54	7.32	1.78	0.22	0.10	8.00	06/22/2020	16:22
5	L3083-02		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.12	9.56	06/22/2020	16:25
6	L3083-03		1	5.06	50	2.00	1.76	3.58	1.82	0.18	0.06	4.74	06/22/2020	16:28
7	L3083-04		1	5.02	50	2.00	3.58	5.38	1.80	0.20	0.08	6.37	06/22/2020	16:30

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