

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109154

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
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	PB128886BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	05/14/2020	13:10
2	L2501-07		1	5.02	50	2.00	1.90	3.70	1.80	0.20	0.10	7.97	05/14/2020	13:12
3	L2501-07DUP		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.08	6.35	05/14/2020	13:15
4	L2635-02		1	5.05	50	2.00	5.52	7.36	1.84	0.16	0.06	4.75	05/14/2020	13:18
5	L2638-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	05/14/2020	13:20
6	L2640-01		1	5.06	50	2.00	1.82	3.66	1.84	0.16	0.06	4.74	05/14/2020	13:22
7	L2641-02		1	5.02	50	2.00	3.66	5.44	1.78	0.22	0.12	9.56	05/14/2020	13:25
8	L2641-03		1	5.03	50	2.00	5.44	7.20	1.76	0.24	0.14	11.13	05/14/2020	13:28
9	L2641-04		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.14	11.11	05/14/2020	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