

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109656

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	PB129613BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/18/2020	13:48
2	L2809-04		1	5.02	50	2.00	1.92	3.76	1.84	0.16	0.08	6.37	06/18/2020	13:50
3	L2809-04DUP		1	5.04	50	2.00	3.76	5.62	1.86	0.14	0.06	4.76	06/18/2020	13:52
4	L2812-10		1	5.05	50	2.00	5.62	7.44	1.82	0.18	0.10	7.92	06/18/2020	13:55
5	L2813-12		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/18/2020	13:58
6	L2817-10		1	5.06	50	2.00	1.88	3.66	1.78	0.22	0.14	11.07	06/18/2020	14:02
7	L2818-04		1	5.02	50	2.00	3.66	5.46	1.80	0.20	0.12	9.56	06/18/2020	14:05
8	L3048-01		1	5.03	50	2.00	5.46	7.20	1.74	0.26	0.18	14.31	06/18/2020	14:08

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