

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110041

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	W2670
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	PB130191BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/15/2020	11:45
2	L3179-05		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	07/15/2020	11:48
3	L3179-05DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	07/15/2020	11:50
4	L3183-10		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	07/15/2020	11:52
5	L3187-08		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.10	7.97	07/15/2020	11:55
6	L3188-10		1	5.03	50	2.00	1.82	3.66	1.84	0.16	0.08	6.36	07/15/2020	11:58
7	L3283-05		1	5.05	50	2.00	3.66	5.46	1.80	0.20	0.12	9.50	07/15/2020	12:02
8	L3284-01		1	5.00	50	2.00	5.46	7.24	1.78	0.22	0.14	11.20	07/15/2020	12:05
9	L3288-01		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.14	11.11	07/15/2020	12:08
10	L3300-04		1	5.05	50	2.00	1.78	3.54	1.76	0.24	0.16	12.67	07/15/2020	12:12
11	L3300-08		1	5.03	50	2.00	3.54	5.32	1.78	0.22	0.14	11.13	07/15/2020	12:15

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