

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112139

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2763
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	PB133200BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/25/2020	11:20
2	L4597-04		1	5.03	50	2.00	1.92	3.80	1.88	0.12	0.04	3.18	11/25/2020	11:22
3	L4597-04DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	11/25/2020	11:25
4	L4845-04		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	11/25/2020	11:28
5	L4858-03		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	11/25/2020	11:30
6	L4858-04		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	11/25/2020	11:32
7	L4882-04		1	5.03	50	2.00	3.70	5.54	1.84	0.16	0.08	6.36	11/25/2020	11:35
8	L4882-06		1	5.02	50	2.00	5.54	7.40	1.86	0.14	0.06	4.78	11/25/2020	11:38
9	L4884-01		1	5.01	50	2.00	7.40	9.28	1.88	0.12	0.04	3.19	11/25/2020	11:40
10	L4891-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.06	4.80	11/25/2020	11:42
11	L4891-06		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.08	6.37	11/25/2020	11:45

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