

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109077

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	PB128749BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	05/08/2020	13:10
2	L2495-05		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	05/08/2020	13:12
3	L2495-05DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	05/08/2020	13:15
4	L2503-05		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.06	4.75	05/08/2020	13:18
5	L2506-05		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	05/08/2020	13:20
6	L2531-04		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	05/08/2020	13:22
7	L2531-08		1	5.06	50	2.00	3.70	5.48	1.78	0.22	0.10	7.91	05/08/2020	13:25
8	L2554-02		1	5.03	50	2.00	5.48	7.28	1.80	0.20	0.08	6.36	05/08/2020	13:28
9	L2554-04		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.12	9.52	05/08/2020	13:30
10	L2557-04		1	5.02	50	2.00	1.76	3.54	1.78	0.22	0.10	7.97	05/08/2020	13:32
11	L2557-08		1	5.03	50	2.00	3.54	5.30	1.76	0.24	0.12	9.54	05/08/2020	13:35

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