

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108402

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB127740BL		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	03/23/2020	12:10
2	L1749-03		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	03/23/2020	12:12
3	L1749-03DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	03/23/2020	12:15
4	L1755-08		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	03/23/2020	12:18
5	L1762-20		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	03/23/2020	12:22
6	L1994-04		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.08	6.36	03/23/2020	12:25
7	L1994-08		1	5.06	50	2.00	3.72	5.54	1.82	0.18	0.10	7.91	03/23/2020	12:28
8	L2006-01		1	5.04	50	2.00	5.54	7.40	1.86	0.14	0.06	4.76	03/23/2020	12:30
9	L2009-10		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	03/23/2020	12:32

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