

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112586

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	PB133872BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/31/2020	09:05
2	L5242-15		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	12/31/2020	09:08
3	L5242-15DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	12/31/2020	09:12
4	L5242-16		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	12/31/2020	09:15
5	L5242-17		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	12/31/2020	09:18
6	L5242-18		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.06	4.77	12/31/2020	09:20
7	L5242-19		1	5.06	50	2.00	3.70	5.52	1.82	0.18	0.10	7.91	12/31/2020	09:22
8	L5242-20		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.08	6.35	12/31/2020	09:25
9	L5242-21		1	5.03	50	2.00	7.36	9.22	1.86	0.14	0.06	4.77	12/31/2020	09:28

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