

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113834

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90315
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	PB135535BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/06/2021	11:40
2	M1918-01		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.04	3.17	04/06/2021	11:42
3	M1918-01DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	04/06/2021	11:45
4	M1919-01		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.06	4.77	04/06/2021	11:48
5	M1919-03		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	04/06/2021	11:50
6	M1920-01		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	04/06/2021	11:52
7	M1921-01		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.08	6.32	04/06/2021	11:55
8	M1922-01		1	5.04	50	2.00	5.50	7.36	1.86	0.14	0.02	1.59	04/06/2021	11:58
9	M1934-01		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.02	1.59	04/06/2021	12:02
10	M1934-03		1	5.01	50	2.00	1.86	3.70	1.84	0.16	0.04	3.19	04/06/2021	12:05
11	M1934-05		1	5.05	50	2.00	3.70	5.50	1.80	0.20	0.08	6.34	04/06/2021	12:08

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