

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113463

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP88904
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	PB135113BL		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	03/11/2021	11:40
2	M1620-01		1	5.02	50	2.00	1.98	3.92	1.94	0.06	0.04	3.19	03/11/2021	11:42
3	M1620-01DUP		1	5.04	50	2.00	3.92	5.88	1.96	0.04	0.02	1.59	03/11/2021	11:45
4	M1621-01		1	5.05	50	2.00	5.88	7.78	1.90	0.10	0.08	6.34	03/11/2021	11:48
5	M1621-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.10	7.97	03/11/2021	11:50
6	M1622-01		1	5.03	50	2.00	1.88	3.76	1.88	0.12	0.10	7.95	03/11/2021	11:52
7	M1623-01		1	5.06	50	2.00	3.76	5.44	1.68	0.32	0.30	23.72	03/11/2021	11:55
8	M1625-01		1	5.04	50	2.00	5.44	7.08	1.64	0.36	0.34	26.98	03/11/2021	11:58
9	M1625-03		1	5.03	50	2.00	7.08	8.76	1.68	0.32	0.30	23.86	03/11/2021	12:00

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