

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114166

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	PB135989BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	04/26/2021	14:10
2	M2155-01		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	04/26/2021	14:12
3	M2155-01DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	04/26/2021	14:15
4	M2170-08		1	5.05	50	2.00	5.76	7.60	1.84	0.16	0.10	7.92	04/26/2021	14:18
5	M2170-10		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.06	4.80	04/26/2021	14:20
6	M2170-12		1	5.02	50	2.00	1.88	3.74	1.86	0.14	0.08	6.37	04/26/2021	14:22
7	M2170-14		1	5.03	50	2.00	3.74	5.64	1.90	0.10	0.04	3.18	04/26/2021	14:25
8	M2170-16		1	5.04	50	2.00	5.64	7.50	1.86	0.14	0.08	6.35	04/26/2021	14:28
9	M2170-18		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.10	7.95	04/26/2021	14:32

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