

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB113490

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	PB135141BL		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	03/12/2021	11:40
2	M1639-02		1	5.02	50	2.00	1.98	3.90	1.92	0.08	0.06	4.78	03/12/2021	11:42
3	M1639-02DUP		1	5.04	50	2.00	3.90	5.84	1.94	0.06	0.04	3.17	03/12/2021	11:45
4	M1649-02		1	5.05	50	2.00	5.84	7.80	1.96	0.04	0.02	1.58	03/12/2021	11:48
5	M1649-04		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.04	3.17	03/12/2021	11:50
6	M1649-06		1	5.02	50	2.00	1.94	3.90	1.96	0.04	0.02	1.59	03/12/2021	11:52

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