

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111026

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
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	PB131680BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	09/16/2020	14:10
2	L3868-06		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	09/16/2020	14:12
3	L3868-06DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	09/16/2020	14:15
4	L4018-02		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	09/16/2020	14:18
5	L4018-05		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.06	4.78	09/16/2020	14:20
6	L4019-02		1	5.06	50	2.00	1.82	3.62	1.80	0.20	0.08	6.32	09/16/2020	14:22
7	L4020-02		1	5.02	50	2.00	3.62	5.46	1.84	0.16	0.04	3.19	09/16/2020	14:25
8	L4020-04		1	5.03	50	2.00	5.46	7.30	1.84	0.16	0.04	3.18	09/16/2020	14:28

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