

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109134

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
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	PB128849BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	05/13/2020	13:05
2	L2500-05		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	05/13/2020	13:08
3	L2500-05DUP		1	5.04	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	05/13/2020	13:12
4	L2505-05		1	5.05	50	2.00	5.52	7.30	1.78	0.22	0.08	6.34	05/13/2020	13:15
5	L2604-02		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.10	7.97	05/13/2020	13:18
6	L2605-02		1	5.06	50	2.00	1.76	3.56	1.80	0.20	0.06	4.74	05/13/2020	13:20
7	L2605-05		1	5.02	50	2.00	3.56	5.38	1.82	0.18	0.04	3.19	05/13/2020	13:22
8	L2605-08		1	5.01	50	2.00	5.38	7.18	1.80	0.20	0.06	4.79	05/13/2020	13:25

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