

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110414

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
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	PB130813BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/07/2020	11:45
2	L3502-05		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	08/07/2020	11:48
3	L3502-05DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	08/07/2020	11:50
4	L3508-04		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	08/07/2020	11:52
5	L3553-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.06	4.80	08/07/2020	11:55
6	L3594-02		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.10	7.91	08/07/2020	11:58
7	L3594-06		1	5.02	50	2.00	3.68	5.48	1.80	0.20	0.12	9.56	08/07/2020	12:02
8	L3594-10		1	5.03	50	2.00	5.48	7.32	1.84	0.16	0.08	6.36	08/07/2020	12:05

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