

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110617

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	PB131116BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	08/20/2020	12:10
2	L3499-04		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.04	3.18	08/20/2020	12:12
3	L3499-04DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	08/20/2020	12:15
4	L3502-15		1	5.07	50	2.00	5.58	7.40	1.82	0.18	0.06	4.73	08/20/2020	12:18
5	L3504-12		1	5.09	50	2.00	0.00	1.80	1.80	0.20	0.08	6.29	08/20/2020	12:20
6	L3507-12		1	5.05	50	2.00	1.80	3.62	1.82	0.18	0.06	4.75	08/20/2020	12:22
7	L3742-04		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.10	7.94	08/20/2020	12:25
8	L3742-08		1	5.02	50	2.00	5.40	7.24	1.84	0.16	0.04	3.19	08/20/2020	12:28

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