

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109321

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	PB129092BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	05/26/2020	13:45
2	L2498-16		1	5.02	50	2.00	1.88	3.60	1.72	0.28	0.16	12.75	05/26/2020	13:48
3	L2498-16DUP		1	5.04	50	2.00	3.60	5.34	1.74	0.26	0.14	11.11	05/26/2020	13:50
4	L2500-10		1	5.05	50	2.00	5.34	6.92	1.58	0.42	0.30	23.76	05/26/2020	13:52
5	L2757-04		1	5.02	50	2.00	0.00	1.56	1.56	0.44	0.32	25.50	05/26/2020	13:55
6	L2757-05		1	5.06	50	2.00	1.56	3.02	1.46	0.54	0.42	33.20	05/26/2020	13:58
7	L2757-06		1	5.02	50	2.00	3.02	4.64	1.62	0.38	0.26	20.72	05/26/2020	14:01

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