

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109053

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	PB128687BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	05/07/2020	13:40
2	L2114-01		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.04	3.18	05/07/2020	13:42
3	L2466-01		1	5.02	50	2.00	3.64	5.46	1.82	0.18	0.02	1.59	05/07/2020	13:45
4	L2466-01DUP		1	5.04	50	2.00	5.46	7.24	1.78	0.22	0.06	4.76	05/07/2020	13:48
5	L2497-04		1	5.07	50	2.00	0.00	1.80	1.80	0.20	0.04	3.16	05/07/2020	13:50
6	L2498-08		1	5.08	50	2.00	1.80	3.58	1.78	0.22	0.06	4.72	05/07/2020	13:52
7	L2513-04		1	5.05	50	2.00	3.58	5.32	1.74	0.26	0.10	7.92	05/07/2020	13:55
8	L2515-04		1	5.02	50	2.00	5.32	7.08	1.76	0.24	0.08	6.37	05/07/2020	13:58
9	L2523-04		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.02	1.58	05/07/2020	14:01
10	L2525-03		1	5.05	50	2.00	1.82	3.60	1.78	0.22	0.06	4.75	05/07/2020	14:03
11	L2530-02		1	5.02	50	2.00	3.60	5.36	1.76	0.24	0.08	6.37	05/07/2020	14:05

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