

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109353

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	PB129152BL		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	05/28/2020	15:50
2	L2505-10		1	5.02	50	2.00	1.84	3.60	1.76	0.24	0.08	6.37	05/28/2020	15:52
3	L2505-10DUP		1	5.04	50	2.00	3.60	5.38	1.78	0.22	0.06	4.76	05/28/2020	15:55
4	L2768-02		1	5.05	50	2.00	5.38	7.08	1.70	0.30	0.14	11.09	05/28/2020	15:58
5	L2768-04		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.16	12.75	05/28/2020	16:02
6	L2790-04		1	5.03	50	2.00	1.68	3.34	1.66	0.34	0.18	14.31	05/28/2020	16:05
7	L2790-08		1	5.06	50	2.00	3.34	5.00	1.66	0.34	0.18	14.23	05/28/2020	16:08
8	L2790-12		1	5.04	50	2.00	5.00	6.64	1.64	0.36	0.20	15.87	05/28/2020	16:12
9	L2790-18		1	5.03	50	2.00	6.64	8.24	1.60	0.40	0.24	19.09	05/28/2020	16:15

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