

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109849

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	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	PB129907BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/02/2020	11:40
2	L2811-08		1	5.02	50	2.00	1.90	3.72	1.82	0.18	0.08	6.37	07/02/2020	11:42
3	L2811-08DUP		1	5.04	50	2.00	3.72	5.56	1.84	0.16	0.06	4.76	07/02/2020	11:45
4	L2814-19		1	5.05	50	2.00	5.56	7.42	1.86	0.14	0.04	3.17	07/02/2020	11:48
5	L3171-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	07/02/2020	11:50
6	L3171-02		1	5.06	50	2.00	1.82	3.56	1.74	0.26	0.16	12.65	07/02/2020	11:52
7	L3171-03		1	5.02	50	2.00	3.56	5.32	1.76	0.24	0.14	11.16	07/02/2020	11:55
8	L3188-04		1	5.03	50	2.00	5.32	7.12	1.80	0.20	0.10	7.95	07/02/2020	11:58
9	L3197-03		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.12	9.56	07/02/2020	12:02
10	L3197-09		1	5.01	50	2.00	1.78	3.50	1.72	0.28	0.18	14.37	07/02/2020	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