

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108574

ANALYST: Alexander
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB128027BL		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/03/2020	17:10
2	L2110-04		1	5.03	50	2.00	1.84	3.62	1.78	0.22	0.06	4.77	04/03/2020	17:12
3	L2110-04DUP		1	5.02	50	2.00	3.62	5.42	1.80	0.20	0.04	3.19	04/03/2020	17:14
4	L2112-06		1	5.04	50	2.00	5.42	7.16	1.74	0.26	0.10	7.94	04/03/2020	17:16
5	L2117-05		1	5.04	50	2.00	0.00	1.74	1.74	0.26	0.10	7.94	04/03/2020	17:20
6	L2146-06		1	5.08	50	2.00	1.74	3.50	1.76	0.24	0.08	6.30	04/03/2020	17:22
7	L2146-13		1	5.02	50	2.00	3.50	5.18	1.68	0.32	0.16	12.75	04/03/2020	17:24
8	L2162-06		1	5.05	50	2.00	5.18	6.86	1.68	0.32	0.16	12.67	04/03/2020	17:26
9	L2162-13		1	5.07	50	2.00	0.00	1.58	1.58	0.42	0.26	20.51	04/03/2020	17:30

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