

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108602

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	PB128056BL		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/06/2020	14:05
2	L2123-04		1	5.03	50	2.00	1.84	3.62	1.78	0.22	0.06	4.77	04/06/2020	14:07
3	L2123-04DUP		1	5.02	50	2.00	3.62	5.42	1.80	0.20	0.04	3.19	04/06/2020	14:08
4	L2161-01		1	5.04	50	2.00	5.42	7.12	1.70	0.30	0.14	11.11	04/06/2020	14:10
5	L2161-02		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.04	3.16	04/06/2020	14:13
6	L2164-03		1	5.02	50	2.00	1.80	3.44	1.64	0.36	0.20	15.94	04/06/2020	14:15
7	L2166-06		1	5.04	50	2.00	3.44	5.18	1.74	0.26	0.10	7.94	04/06/2020	14:17
8	L2166-13		1	5.05	50	2.00	5.18	6.78	1.60	0.40	0.24	19.01	04/06/2020	14:18
9	L2166-20		1	5.06	50	2.00	6.78	8.56	1.78	0.22	0.06	4.74	04/06/2020	14:20

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