

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108648

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	W2508
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	PB128125BL		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	04/09/2020	16:40
2	L2195-04		1	5.03	50	2.00	1.82	3.56	1.74	0.26	0.08	6.36	04/09/2020	16:41
3	L2195-04DUP		1	5.01	50	2.00	3.56	5.32	1.76	0.24	0.06	4.79	04/09/2020	16:43
4	L2195-08		1	5.04	50	2.00	5.32	7.12	1.80	0.20	0.02	1.59	04/09/2020	16:45
5	L2197-01		1	5.06	50	2.00	0.00	1.62	1.62	0.38	0.20	15.81	04/09/2020	16:48
6	L2197-02		1	5.02	50	2.00	1.62	3.24	1.62	0.38	0.20	15.94	04/09/2020	16:50
7	L2197-03		1	5.04	50	2.00	3.24	4.76	1.52	0.48	0.30	23.81	04/09/2020	16:52
8	L2197-04		1	5.05	50	2.00	4.76	6.36	1.60	0.40	0.22	17.43	04/09/2020	16:53
9	L2199-06		1	5.06	50	2.00	6.36	7.96	1.60	0.40	0.22	17.39	04/09/2020	16:55
10	L2199-13		1	5.04	50	2.00	0.00	1.58	1.58	0.42	0.24	19.05	04/09/2020	17:00
11	L2201-05		1	5.00	50	2.00	1.58	3.28	1.70	0.30	0.12	9.60	04/09/2020	17:02
12	L2205-08		1	5.04	50	2.00	3.28	4.98	1.70	0.30	0.12	9.52	04/09/2020	17:03

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



Analytical Summary Report

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13	L2205-16		1	5.08	50	2.00	4.98	6.78	1.80	0.20	0.02	1.57	04/09/2020	17:05
14	L2205-23		1	5.02	50	2.00	6.78	8.58	1.80	0.20	0.02	1.59	04/09/2020	17:06

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