

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108073

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
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	PB127203BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	03/03/2020	13:20
2	L1369-06		1	5.04	50	2.00	1.88	3.76	1.88	0.12	0.00	0.00	03/03/2020	13:22
3	L1369-06DUP		1	5.07	50	2.00	3.76	5.60	1.84	0.16	0.04	3.16	03/03/2020	13:24
4	L1372-10		1	5.05	50	2.00	5.60	7.46	1.86	0.14	0.02	1.58	03/03/2020	13:26
5	L1723-03		1	5.08	50	2.00	0.00	1.80	1.80	0.20	0.08	6.30	03/03/2020	13:30
6	L1743-19		1	5.06	50	2.00	1.80	3.64	1.84	0.16	0.04	3.16	03/03/2020	13:32
7	L1743-20		1	5.04	50	2.00	3.64	5.42	1.78	0.22	0.10	7.94	03/03/2020	13:34
8	L1743-21		1	5.03	50	2.00	5.42	7.30	1.88	0.12	0.00	0.00	03/03/2020	13:36
9	L1743-22		1	5.09	50	2.00	0.00	1.82	1.82	0.18	0.06	4.72	03/03/2020	13:40
10	L1743-23		1	5.04	50	2.00	1.82	3.60	1.78	0.22	0.10	7.94	03/03/2020	13:42
11	L1743-24		1	5.06	50	2.00	3.60	5.40	1.80	0.20	0.08	6.32	03/03/2020	13:44
12	L1743-25		1	5.08	50	2.00	5.40	7.20	1.80	0.20	0.08	6.30	03/03/2020	13:46

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

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13	L1743-26		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.10	7.91	03/03/2020	13:50
14	L1743-27		1	5.09	50	2.00	1.78	3.60	1.82	0.18	0.06	4.72	03/03/2020	13:52
15	L1745-02		1	5.07	50	2.00	3.60	5.36	1.76	0.24	0.12	9.47	03/03/2020	13:54

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