

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119706

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
Starch Solution, 4L	W2766

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	PB144149BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	04/15/2022	12:50
2	N2392-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.06	4.78	04/15/2022	12:53
3	N2392-02DUP		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.04	3.17	04/15/2022	12:56
4	N2394-02		1	5.06	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	04/15/2022	13:00
5	N2394-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.06	4.77	04/15/2022	13:03
6	N2394-06		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.08	6.39	04/15/2022	13:06
7	N2394-08		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.06	4.76	04/15/2022	13:09
8	N2394-10		1	5.05	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	04/15/2022	13:12
9	N2394-12		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.08	6.37	04/15/2022	13:15
10	N2394-14		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.04	3.17	04/15/2022	13:18
11	N2394-16		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.06	4.74	04/15/2022	13:20
12	N2396-01		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	04/15/2022	13:23

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	N2409-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.06	4.78	04/15/2022	13:26
14	N2431-02		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.04	3.17	04/15/2022	13:29

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