

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB119535

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	PB143869BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	04/05/2022	15:00
2	N2229-02		1	5.06	50	2.00	0.00	1.92	1.92	0.08	0.04	3.16	04/05/2022	15:03
3	N2229-02DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.06	4.78	04/05/2022	15:06
4	N2236-01		1	5.01	50	2.00	0.00	1.94	1.94	0.06	0.02	1.60	04/05/2022	15:09
5	N2236-02		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	04/05/2022	15:12
6	N2236-03		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.06	4.76	04/05/2022	15:15
7	N2239-02		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	04/05/2022	15:18
8	N2246-09		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.08	6.31	04/05/2022	15:21
9	N2246-10		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.04	3.19	04/05/2022	15:24
10	N2246-11		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.10	7.91	04/05/2022	15:27
11	N2246-12		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.06	4.77	04/05/2022	15:30
12	N2254-02		1	5.06	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	04/05/2022	15:33

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	N2254-04		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.06	4.78	04/05/2022	15:36
14	N2254-06		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.08	6.39	04/05/2022	15:39

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