

Analysis Method: 9034

ANALYST: Nikita

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130364

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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	PB160314BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/17/2024	15:02
2	P2122-01		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/17/2024	15:05
3	P2122-01DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/17/2024	15:08
4	P2126-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	04/17/2024	15:11
5	P2126-05		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	04/17/2024	15:14
6	P2126-08		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/17/2024	15:17
7	P2127-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	04/17/2024	15:20
8	P2127-05		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/17/2024	15:23
9	P2148-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/17/2024	15:26
10	P2148-04		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	04/17/2024	15:29
11	P2148-05		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/17/2024	15:32
12	P2149-01		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	04/17/2024	15:35

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	P2149-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/17/2024	15:38
14	P2150-03		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	04/17/2024	15:41
15	P2151-04		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	04/17/2024	15:44

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