

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB133320

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W3105
IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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	PB164675BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/06/2024	16:50
2	P4700-04		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/06/2024	16:53
3	P4700-04DUP		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/06/2024	16:55
4	P4701-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	11/06/2024	16:58
5	P4701-08		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	11/06/2024	17:00
6	P4711-05		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/06/2024	17:02
7	P4711-10		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	11/06/2024	17:05
8	P4718-03		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.02	1.60	11/06/2024	17:08
9	P4719-03		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	11/06/2024	17:10
10	P4720-05		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.06	4.74	11/06/2024	17:13
11	P4722-04		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	11/06/2024	17:15
12	P4722-09		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	11/06/2024	17:18

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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IODINE SOLUTION .025N 1L	W3114
Starch Solution, 4L	W3149

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
13	P4722-14		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	11/06/2024	17:20

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