

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127454

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 Volume (mL)	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	PB155770BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	09/25/2023	09:20
2	O4537-02		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	09/25/2023	09:23
3	O4537-02DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	09/25/2023	09:25
4	O4537-04		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	09/25/2023	09:28
5	O4540-01		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	09/25/2023	09:30
6	O4540-02		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	09/25/2023	09:32
7	O4540-03		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	09/25/2023	09:35
8	O4563-02		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	09/25/2023	09:38
9	O4563-03		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	09/25/2023	09:40
10	O4574-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	09/25/2023	09:43

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