

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128083

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	PB156715BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	10/31/2023	15:30
2	O5094-01		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	10/31/2023	15:33
3	O5094-01DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	10/31/2023	15:35
4	O5106-02		1	50	50	2.00	0.00	1.84	1.84	0.16	0.08	0.64	10/31/2023	15:38
5	O5106-03		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	10/31/2023	15:40
6	O5143-03		1	50	50	2.00	0.00	1.82	1.82	0.18	0.10	0.80	10/31/2023	15:43

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