

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128681

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	PB157693BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/12/2023	08:30
2	O5718-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/12/2023	08:33
3	O5718-02DUP		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	12/12/2023	08:35
4	O5726-04		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	12/12/2023	08:38
5	O5726-08		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	12/12/2023	08:40

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