

Analysis Method: 9034

ANALYST: Nikita

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129757

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	PB159406BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/04/2024	15:30
2	P1659-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.08	6.37	03/04/2024	15:33
3	P1659-04DUP		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	03/04/2024	15:36
4	P1659-08		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	03/04/2024	15:39
5	P1662-02		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/04/2024	15:42
6	P1662-04		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	03/04/2024	15:45
7	P1669-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	03/04/2024	15:48
8	P1669-08		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	03/04/2024	15:51
9	P1669-12		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/04/2024	15:54

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