

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135282

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	PB167444BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	04/03/2025	12:15
2	Q1680-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	04/03/2025	12:18
3	Q1680-04DUP		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	04/03/2025	12:21
4	Q1681-04		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.04	3.18	04/03/2025	12:24
5	Q1693-04		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.06	4.73	04/03/2025	12:27
6	Q1693-08		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	04/03/2025	12:30
7	Q1693-12		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.08	6.39	04/03/2025	12:33
8	Q1694-04		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.08	6.35	04/03/2025	12:35
9	Q1695-04		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	04/03/2025	13:37
10	Q1695-08		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	04/03/2025	12:40
11	Q1698-02		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	04/03/2025	12:42
12	Q1698-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	04/03/2025	12:44

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