

Analysis Method: 9034

ANALYST: rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135439

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 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	PB167579BL		1	50	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	04/15/2025	14:15
2	Q1791-09		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/15/2025	14:18
3	Q1791-09DUP		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/15/2025	14:21
4	Q1791-10		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	04/15/2025	14:24
5	Q1791-11		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	04/15/2025	14:27
6	Q1791-12		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/15/2025	14:30
7	Q1791-13		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/15/2025	14:33
8	Q1791-14		1	50	50	2.00	0.00	1.88	1.88	0.12	0.04	0.32	04/15/2025	14:36
9	Q1810-01		1	50	50	2.00	0.00	1.86	1.86	0.14	0.06	0.48	04/15/2025	14:39
10	Q1810-02		1	50	50	2.00	0.00	1.90	1.90	0.10	0.02	0.16	04/15/2025	14:41

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