

Analysis Method: 9034

ANALYST: Rubina

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB126947

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W2924
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	PB154944BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/21/2023	12:40
2	O4080-02		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	08/21/2023	12:43
3	O4080-02DUP		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	08/21/2023	12:46
4	O4082-02		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.10	7.95	08/21/2023	12:48
5	O4082-04		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/21/2023	12:50
6	O4082-06		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	08/21/2023	12:53
7	O4082-08		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.06	4.77	08/21/2023	12:55
8	O4082-10		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	08/21/2023	12:58
9	O4086-10		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/21/2023	13:00
10	O4086-17		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.08	6.32	08/21/2023	13:05

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