

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB123146

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2941
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	PB149445BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/07/2022	11:20
2	N5833-02		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	12/07/2022	11:23
3	N5833-02DUP		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	12/07/2022	11:25
4	N5838-03		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	12/07/2022	11:27
5	N5844-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.06	4.74	12/07/2022	11:30
6	N5868-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	12/07/2022	11:32
7	N5878-01		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	12/07/2022	11:35
8	N5883-02		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	12/07/2022	11:38
9	N5886-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	12/07/2022	11:40
10	N5886-02		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.06	4.73	12/07/2022	11:43
11	N5895-02		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	12/07/2022	11:45
12	N5897-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	12/07/2022	11:47

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