

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121510

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2766

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	PB146978BL		1	50	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	08/12/2022	19:05
2	N4107-04		1	50	50	2.00	1.96	3.86	1.90	0.10	0.06	0.48	08/12/2022	19:08
3	N4107-04DUP		1	50	50	2.00	3.86	5.78	1.92	0.08	0.04	0.32	08/12/2022	19:10
4	N4107-14		1	50	50	2.00	5.78	7.72	1.94	0.06	0.02	0.16	08/12/2022	19:12
5	N4154-01		1	50	50	2.00	0.00	1.92	1.92	0.08	0.04	0.32	08/12/2022	19:15
6	N4154-03		1	50	50	2.00	1.92	3.80	1.88	0.12	0.08	0.64	08/12/2022	19:18
7	N4159-03		1	50	50	2.00	3.80	5.70	1.90	0.10	0.06	0.48	08/12/2022	19:20

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