

Analysis Method: 9034

Parameter: Sulfide

Run Number: LB121393

ANALYST: ketankumar

SUPERVISOR REVIEW BY: Iwona

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)	AnalDate	Anal Time
1	PB146824BL		1	50	50	5.00	0.00	4.84	4.84	0.16	0.00	0.00	08/08/2022	14:10
2	PB146824BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.56	20.48	08/08/2022	14:12
3	N3980-07		1	50	50	5.00	0.00	4.78	4.78	0.22	0.06	0.48	08/08/2022	14:15
4	N3980-08		1	50	50	5.00	0.00	4.72	4.72	0.28	0.12	0.96	08/08/2022	14:18
5	N4058-02		1	50	50	5.00	0.00	4.08	4.08	0.92	0.76	6.08	08/08/2022	14:20
6	N4058-02DUP		1	50	50	5.00	4.08	8.18	4.10	0.90	0.74	5.92	08/08/2022	14:22
7	N4058-02MS	25	1	50	50	5.00	0.00	2.34	2.34	2.66	2.50	20.00	08/08/2022	14:25
8	N4058-02MSD	25	1	50	50	5.00	2.34	4.70	2.36	2.64	2.48	19.84	08/08/2022	14:28
9	N4058-04		1	50	50	5.00	0.00	3.76	3.76	1.24	1.08	8.64	08/08/2022	14:30
10	N4058-06		1	50	50	5.00	0.00	4.04	4.04	0.96	0.80	6.40	08/08/2022	14:32

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