

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121545

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 Weight (g)	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	PB147069BL		1	5.00	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	08/16/2022	11:40
2	PB147069BS	250	1	5.00	50	5.00	0.00	2.28	2.28	2.72	2.62	209.60	08/16/2022	11:42
3	N3980-01		1	5.04	50	5.00	0.00	4.82	4.82	0.18	0.08	6.35	08/16/2022	11:45
4	N3980-02		1	5.06	50	5.00	0.00	4.76	4.76	0.24	0.14	11.07	08/16/2022	11:48
5	N4167-01		1	5.03	50	5.00	0.00	4.90	4.90	0.10	0.00	0.00	08/16/2022	11:50
6	N4167-01DUP		1	5.02	50	5.00	0.00	4.88	4.88	0.12	0.02	1.59	08/16/2022	11:52
7	N4167-01MS	250	1	5.04	50	5.00	0.00	3.30	3.30	1.70	1.60	126.98	08/16/2022	11:55
8	N4167-01MSD	250	1	5.04	50	5.00	0.00	3.32	3.32	1.68	1.58	125.40	08/16/2022	11:58

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