

Analysis Method: 9030B

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123643

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)	AnalDate	Anal Time
1	PB150104BL		1	5.00	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	01/05/2023	16:22
2	PB150104BS	250	1	5.00	50	5.00	0.00	1.94	1.94	3.06	3.00	240.00	01/05/2023	16:31
3	N6245-01		1	5.04	50	5.00	0.00	4.86	4.86	0.14	0.08	6.35	01/05/2023	16:35
4	N6245-01DUP		1	5.02	50	5.00	0.00	4.86	4.86	0.14	0.08	6.37	01/05/2023	16:38
5	N6245-01MS	250	1	5.02	50	5.00	0.00	2.00	2.00	3.00	2.94	234.26	01/05/2023	16:42
6	N6245-01MSD	250	1	5.02	50	5.00	0.00	2.00	2.00	3.00	2.94	234.26	01/05/2023	16:46

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