

Analysis Method: 9034

ANALYST: mohammad

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122508

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	PB148401BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	10/07/2022	16:06
2	PB148401BS	25	1	50	50	5.00	0.00	2.31	2.31	2.69	2.57	20.56	10/07/2022	16:09
3	N4945-01		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	10/07/2022	16:10
4	N4945-01DUP		1	50	50	5.00	0.00	4.81	4.81	0.19	0.07	0.56	10/07/2022	16:10
5	N4945-01MS	25	1	50	50	5.00	0.00	2.22	2.22	2.78	2.66	21.28	10/07/2022	16:11
6	N4945-01MSD	25	1	50	50	5.00	0.00	2.23	2.23	2.77	2.65	21.20	10/07/2022	16:11

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