

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120914

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	PB145988BL		1	50	50	5.00	0.00	4.78	4.78	0.22	0.00	0.00	07/05/2022	13:35
2	PB145988BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.50	20.00	07/05/2022	13:38
3	N3214-07		1	50	50	5.00	0.00	4.70	4.70	0.30	0.08	0.64	07/05/2022	13:40
4	N3214-08		1	50	50	5.00	0.00	4.64	4.64	0.36	0.14	1.12	07/05/2022	13:42
5	N3535-01		1	50	50	5.00	0.00	4.72	4.72	0.28	0.06	0.48	07/05/2022	13:45
6	N3535-01DUP		1	50	50	5.00	4.72	9.44	4.72	0.28	0.06	0.48	07/05/2022	13:48
7	N3535-01MS	25	1	50	50	5.00	0.00	2.80	2.80	2.20	1.98	15.84	07/05/2022	13:50
8	N3535-01MSD	25	1	50	50	5.00	2.80	5.62	2.82	2.18	1.96	15.68	07/05/2022	13:52

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