

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121547

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	PB147070BL		1	50	50	5.00	0.00	4.88	4.88	0.12	0.00	0.00	08/16/2022	14:40
2	PB147070BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.58	20.64	08/16/2022	14:42
3	N3980-09		1	50	50	5.00	0.00	4.82	4.82	0.18	0.06	0.48	08/16/2022	14:45
4	N4223-01		1	50	50	5.00	0.00	4.38	4.38	0.62	0.50	4.00	08/16/2022	14:48
5	N4223-01DUP		1	50	50	5.00	0.00	4.40	4.40	0.60	0.48	3.84	08/16/2022	14:50
6	N4223-01MS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.68	21.44	08/16/2022	14:52
7	N4223-01MSD	25	1	50	50	5.00	2.20	4.42	2.22	2.78	2.66	21.28	08/16/2022	14:55

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