

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: mohammad

Run Number: LB120986

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	PB146120BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	07/08/2022	15:10
2	PB146120BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.50	20.00	07/08/2022	15:12
3	N3633-02		1	50	50	5.00	0.00	4.42	4.42	0.58	0.38	3.04	07/08/2022	15:15
4	N3633-02DUP		1	50	50	5.00	4.42	8.86	4.44	0.56	0.36	2.88	07/08/2022	15:18
5	N3633-02MS	25	1	50	50	5.00	0.00	2.50	2.50	2.50	2.30	18.40	07/08/2022	15:22
6	N3633-02MSD	25	1	50	50	5.00	2.50	5.02	2.52	2.48	2.28	18.24	07/08/2022	15:25
7	N3633-04		1	50	50	5.00	0.00	4.22	4.22	0.78	0.58	4.64	07/08/2022	15:28
8	N3633-06		1	50	50	5.00	0.00	4.18	4.18	0.82	0.62	4.96	07/08/2022	15:30

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