

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB120131

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB144771BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	05/12/2022	14:20
2	PB144771BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.60	20.80	05/12/2022	14:22
3	N2793-01		1	50	50	5.00	0.00	4.50	4.50	0.50	0.30	2.40	05/12/2022	14:25
4	N2793-01DUP		1	50	50	5.00	4.50	9.02	4.52	0.48	0.28	2.24	05/12/2022	14:28
5	N2793-01MS	25	1	50	50	5.00	0.00	2.82	2.82	2.18	1.98	15.84	05/12/2022	14:30
6	N2793-01MSD	25	1	50	50	5.00	2.82	5.62	2.80	2.20	2.00	16.00	05/12/2022	14:32
7	N2793-02		1	50	50	5.00	0.00	4.46	4.46	0.54	0.34	2.72	05/12/2022	14:35
8	N2793-03		1	50	50	5.00	4.46	9.10	4.64	0.36	0.16	1.28	05/12/2022	14:38
9	N2793-04		1	50	50	5.00	0.00	4.30	4.30	0.70	0.50	4.00	05/12/2022	14:40

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