

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB117275

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	W2703

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	PB140604BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	11/08/2021	15:20
2	PB140604BS	25	1	50	50	5.00	0.00	2.28	2.28	2.72	2.64	21.12	11/08/2021	15:22
3	M4482-01		1	50	50	5.00	0.00	2.32	2.32	2.68	2.60	20.80	11/08/2021	15:25
4	M4503-01		1	50	50	5.00	0.00	0.90	0.90	4.10	4.02	32.16	11/08/2021	15:28
5	M4503-01DUP		1	50	50	5.00	0.90	1.82	0.92	4.08	4.00	32.00	11/08/2021	15:30
6	M4503-01MS	25	1	50	50	5.00	1.82	1.92	0.10	4.90	4.82	38.56	11/08/2021	15:32
7	M4503-01MSD	25	1	50	50	5.00	1.92	2.02	0.10	4.90	4.82	38.56	11/08/2021	15:35
8	M4503-02		1	50	50	5.00	0.00	0.90	0.90	4.10	4.02	32.16	11/08/2021	15:38
9	M4503-03		1	50	50	5.00	0.00	0.12	0.12	4.88	4.80	38.40	11/08/2021	15:40
10	M4503-04		1	50	50	5.00	0.00	0.52	0.52	4.48	4.40	35.20	11/08/2021	15:42

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