

Analysis Method: SM4500 S E

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB99018

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP68780
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB114477BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	11/03/2018	11:35
2	PB114477BS	25	1	50	50	5.00	0.00	2.30	2.30	2.70	2.52	20.16	11/03/2018	11:38
3	J5753-02		1	50	50	5.00	0.00	4.18	4.18	0.82	0.64	5.12	11/03/2018	11:42
4	J5753-03		1	50	50	5.00	0.00	4.50	4.50	0.50	0.32	2.56	11/03/2018	11:45
5	J5753-04		1	50	50	5.00	0.00	4.32	4.32	0.68	0.50	4.00	11/03/2018	11:48
6	J5753-05		1	50	50	5.00	0.00	4.58	4.58	0.42	0.24	1.92	11/03/2018	11:52
7	J5753-06		1	50	50	5.00	0.00	4.04	4.04	0.96	0.78	6.24	11/03/2018	11:55
8	J5753-06DUP		1	50	50	5.00	4.04	8.10	4.06	0.94	0.76	6.08	11/03/2018	11:58
9	J5753-07	25	1	50	50	5.00	0.00	2.56	2.56	2.44	2.26	18.08	11/03/2018	12:02
10	J5753-08	25	1	50	50	5.00	2.56	5.10	2.54	2.46	2.28	18.24	11/03/2018	12:05
11	J5753-09		1	50	50	5.00	0.00	4.00	4.00	1.00	0.82	6.56	11/03/2018	12:08

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