

Analysis Method: SM4500 S E

ANALYST: Daniel

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB106238

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP78865
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

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	PB124742BL		1	50	50	5.00	0.00	4.64	4.64	0.36	0.00	0.00	11/12/2019	15:05
2	PB124742BS	25	1	50	50	5.00	4.64	6.78	2.14	2.86	2.50	20.00	11/12/2019	15:07
3	K5761-01		1	50	50	5.00	0.00	4.06	4.06	0.94	0.58	4.64	11/12/2019	15:10
4	K5761-02		1	50	50	5.00	4.06	8.06	4.00	1.00	0.64	5.12	11/12/2019	15:14
5	K5761-03		1	50	50	5.00	0.00	4.00	4.00	1.00	0.64	5.12	11/12/2019	15:16
6	K5761-03DUP		1	50	50	5.00	4.00	8.02	4.02	0.98	0.62	4.96	11/12/2019	15:18
7	K5761-04	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.52	20.16	11/12/2019	15:21
8	K5761-05	25	1	50	50	5.00	2.12	4.26	2.14	2.86	2.50	20.00	11/12/2019	15:24
9	K5761-06		1	50	50	5.00	0.00	4.00	4.00	1.00	0.64	5.12	11/12/2019	15:27
10	K5761-07		1	50	50	5.00	4.00	7.68	3.68	1.32	0.96	7.68	11/12/2019	15:30
11	K5761-08		1	50	50	5.00	0.00	3.78	3.78	1.22	0.86	6.88	11/12/2019	15:32

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

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12	K5761-09		1	50	50	5.00	3.78	6.98	3.20	1.80	1.44	11.52	11/12/2019	15:35

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