

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB98793

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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 Weight (g)	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	PB114117BL		1	5.06	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	10/23/2018	14:05
2	PB114117BS	250	1	5.04	50	5.00	0.00	2.30	2.30	2.70	2.52	200.00	10/23/2018	14:08
3	J5625-01		1	5.08	50	5.00	0.00	4.24	4.24	0.76	0.58	45.67	10/23/2018	14:12
4	J5625-01DUP		1	5.08	50	5.00	4.24	8.50	4.26	0.74	0.56	44.09	10/23/2018	14:15
5	J5625-01MS	250	1	5.07	50	5.00	0.00	3.48	3.48	1.52	1.34	105.72	10/23/2018	14:18
6	J5625-01MSD	250	1	5.07	50	5.00	3.48	6.98	3.50	1.50	1.32	104.14	10/23/2018	14:22
7	J5625-03		1	5.08	50	5.00	0.00	4.30	4.30	0.70	0.52	40.94	10/23/2018	14:25
8	J5625-05		1	5.07	50	5.00	4.30	8.64	4.34	0.66	0.48	37.87	10/23/2018	14:28
9	J5625-07		1	5.03	50	5.00	0.00	4.38	4.38	0.62	0.44	34.99	10/23/2018	14:32
10	J5625-09		1	5.04	50	5.00	4.38	8.58	4.20	0.80	0.62	49.21	10/23/2018	14:35
11	J5625-11		1	5.09	50	5.00	0.00	4.08	4.08	0.92	0.74	58.15	10/23/2018	14:38

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	J5625-13		1	5.04	50	5.00	4.08	8.12	4.04	0.96	0.78	61.90	10/23/2018	14:42
13	J5625-15		1	5.06	50	5.00	0.00	4.08	4.08	0.92	0.74	58.50	10/23/2018	14:45

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