

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101156

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2379

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	PB117609BL		1	5.06	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	03/04/2019	18:02
2	PB117609BS	250	1	5.02	50	5.00	0.00	2.18	2.18	2.82	2.52	200.80	03/04/2019	18:05
3	K1722-16		1	5.02	50	5.00	0.00	4.44	4.44	0.56	0.26	20.72	03/04/2019	18:08
4	K1722-16DUP		1	5.04	50	5.00	4.44	8.90	4.46	0.54	0.24	19.05	03/04/2019	18:12
5	K1722-16MS	250	1	5.05	50	5.00	0.00	2.86	2.86	2.14	1.84	145.74	03/04/2019	18:15
6	K1722-16MSD	250	1	5.05	50	5.00	2.86	5.70	2.84	2.16	1.86	147.33	03/04/2019	18:18
7	K1722-17		1	5.02	50	5.00	0.00	4.44	4.44	0.56	0.26	20.72	03/04/2019	18:22
8	K1722-18		1	5.03	50	5.00	4.44	8.86	4.42	0.58	0.28	22.27	03/04/2019	18:25
9	K1722-19		1	5.04	50	5.00	0.00	4.22	4.22	0.78	0.48	38.10	03/04/2019	18:28
10	K1722-20		1	5.02	50	5.00	4.22	8.46	4.24	0.76	0.46	36.65	03/04/2019	18:32
11	K1722-21		1	5.03	50	5.00	0.00	4.30	4.30	0.70	0.40	31.81	03/04/2019	18:35

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

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12	K1722-22		1	5.00	50	5.00	4.30	8.42	4.12	0.88	0.58	46.40	03/04/2019	18:38
13	K1722-23		1	5.03	50	5.00	0.00	4.10	4.10	0.90	0.60	47.71	03/04/2019	18:42
14	K1722-24		1	5.04	50	5.00	4.10	8.28	4.18	0.82	0.52	41.27	03/04/2019	18:45
15	K1722-25		1	5.00	50	5.00	0.00	4.20	4.20	0.80	0.50	40.00	03/04/2019	18:48
16	K1722-26		1	5.01	50	5.00	4.20	8.30	4.10	0.90	0.60	47.90	03/04/2019	18:52
17	K1722-27		1	5.03	50	5.00	0.00	4.12	4.12	0.88	0.58	46.12	03/04/2019	18:55
18	K1722-28		1	5.00	50	5.00	0.00	4.10	4.10	0.90	0.60	48.00	03/04/2019	18:58

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