

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB96483

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
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	PB110901BL		1	5.03	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	07/06/2018	12:15
2	PB110901BS	250	1	5.03	50	5.00	0.00	2.30	2.30	2.70	2.52	200.40	07/06/2018	12:18
3	J3879-01		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.82	65.21	07/06/2018	12:22
4	J3879-01DUP		1	5.02	50	5.00	4.00	7.98	3.98	1.02	0.84	66.93	07/06/2018	12:25
5	J3879-01MS	250	1	5.04	50	5.00	0.00	2.40	2.40	2.60	2.42	192.06	07/06/2018	12:28
6	J3879-01MSD	250	1	5.04	50	5.00	2.40	4.82	2.42	2.58	2.40	190.48	07/06/2018	12:32
7	J3879-03		1	5.03	50	5.00	0.00	4.02	4.02	0.98	0.80	63.62	07/06/2018	12:35
8	J3879-05		1	5.04	50	5.00	4.02	7.88	3.86	1.14	0.96	76.19	07/06/2018	12:38
9	J3879-07		1	5.01	50	5.00	0.00	4.20	4.20	0.80	0.62	49.50	07/06/2018	12:42
10	J3879-09		1	5.05	50	5.00	0.00	4.10	4.10	0.90	0.72	57.03	07/06/2018	12:45
11	J3879-11		1	5.02	50	5.00	4.10	8.02	3.92	1.08	0.90	71.71	07/06/2018	12:48

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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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
12	J3879-13		1	5.03	50	5.00	0.00	3.94	3.94	1.06	0.88	69.98	07/06/2018	12:52
13	J3879-15		1	5.01	50	5.00	3.94	7.76	3.82	1.18	1.00	79.84	07/06/2018	12:55
14	J3879-17		1	5.03	50	5.00	0.00	4.02	4.02	0.98	0.80	63.62	07/06/2018	12:58
15	J3879-19		1	5.02	50	5.00	4.02	7.60	3.58	1.42	1.24	98.80	07/06/2018	13:02
16	J3881-01		1	5.04	50	5.00	0.00	3.76	3.76	1.24	1.06	84.13	07/06/2018	13:05
17	J3881-03		1	5.00	50	5.00	3.76	7.50	3.74	1.26	1.08	86.40	07/06/2018	13:08
18	J3881-05		1	5.05	50	5.00	0.00	3.46	3.46	1.54	1.36	107.72	07/06/2018	13:12
19	J3881-07		1	5.02	50	5.00	3.46	7.10	3.64	1.36	1.18	94.02	07/06/2018	13:15
20	J3881-09		1	5.04	50	5.00	0.00	3.80	3.80	1.20	1.02	80.95	07/06/2018	13:18

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