

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90265

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

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	PB102546BL		1	5.03	50	5.00	0.00	4.40	4.40	0.60	0.00	0.00	09/22/2017	14:32
2	PB102546BS	250	1	5.03	50	5.00	4.20	6.00	1.80	3.20	2.60	206.76	09/22/2017	14:35
3	I5360-01		1	5.04	50	5.00	0.00	3.60	3.60	1.40	0.80	63.49	09/22/2017	14:38
4	I5360-01DUP		1	5.03	50	5.00	3.60	7.18	3.58	1.42	0.82	65.21	09/22/2017	14:42
5	I5360-01MS	250	1	5.03	50	5.00	0.00	2.20	2.20	2.80	2.20	174.95	09/22/2017	14:45
6	I5360-01MSD	250	1	5.03	50	5.00	2.20	4.38	2.18	2.82	2.22	176.54	09/22/2017	14:48
7	I5360-03		1	5.04	50	5.00	4.38	7.90	3.52	1.48	0.88	69.84	09/22/2017	14:52
8	I5360-05		1	5.05	50	5.00	0.00	3.40	3.40	1.60	1.00	79.21	09/22/2017	14:55
9	I5360-07		1	5.04	50	5.00	3.40	6.48	3.08	1.92	1.32	104.76	09/22/2017	14:58
10	I5360-09		1	5.03	50	5.00	0.00	3.58	3.58	1.42	0.82	65.21	09/22/2017	15:02
11	I5360-11		1	5.04	50	5.00	3.58	7.02	3.44	1.56	0.96	76.19	09/22/2017	15:05

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	I5360-13		1	5.03	50	5.00	0.00	3.44	3.44	1.56	0.96	76.34	09/22/2017	15:08
13	I5360-15		1	5.04	50	5.00	3.44	5.90	2.46	2.54	1.94	153.97	09/22/2017	15:12
14	I5362-01		1	5.06	50	5.00	5.90	9.20	3.30	1.70	1.10	86.96	09/22/2017	15:15
15	I5362-03		1	5.06	50	5.00	0.00	3.18	3.18	1.82	1.22	96.44	09/22/2017	15:18
16	I5362-05		1	5.03	50	5.00	3.18	6.60	3.42	1.58	0.98	77.93	09/22/2017	15:22
17	I5363-01		1	5.05	50	5.00	0.00	3.26	3.26	1.74	1.14	90.30	09/22/2017	15:25
18	I5363-03		1	5.04	50	5.00	3.26	7.22	3.96	1.04	0.44	34.92	09/22/2017	15:28
19	I5363-05		1	5.06	50	5.00	0.00	3.12	3.12	1.88	1.28	101.19	09/22/2017	15:32
20	I5363-07		1	5.09	50	5.00	3.12	6.52	3.40	1.60	1.00	78.59	09/22/2017	15:35
21	I5363-09		1	5.06	50	5.00	0.00	2.80	2.80	2.20	1.60	126.48	09/22/2017	15:38
22	I5363-11		1	5.04	50	5.00	2.80	6.96	4.16	0.84	0.24	19.05	09/22/2017	15:42

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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23	I5363-13		1	5.02	50	5.00	0.00	4.00	4.00	1.00	0.40	31.87	09/22/2017	15:45
24	I5363-15		1	5.03	50	5.00	4.00	8.18	4.18	0.82	0.22	17.50	09/22/2017	15:48

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