

Analysis Method: 9034

ANALYST: KETANKUMAR

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92383

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
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	PB105344BL		1	5.03	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	12/26/2017	15:35
2	PB105344BS	250	1	5.04	50	5.00	0.00	2.28	2.28	2.72	2.52	200.00	12/26/2017	15:38
3	I7064-01		1	5.02	50	5.00	0.00	4.14	4.14	0.86	0.66	52.59	12/26/2017	15:42
4	I7064-01DUP		1	5.02	50	5.00	4.14	8.26	4.12	0.88	0.68	54.18	12/26/2017	15:45
5	I7064-01MS	250	1	5.03	50	5.00	0.00	2.56	2.56	2.44	2.24	178.13	12/26/2017	15:48
6	I7064-01MSD	250	1	5.03	50	5.00	2.56	5.10	2.54	2.46	2.26	179.72	12/26/2017	15:52
7	I7064-03		1	5.03	50	5.00	0.00	4.32	4.32	0.68	0.48	38.17	12/26/2017	15:55
8	I7064-05		1	5.02	50	5.00	0.00	4.40	4.40	0.60	0.40	31.87	12/26/2017	15:58
9	I7064-07		1	5.04	50	5.00	4.40	8.50	4.10	0.90	0.70	55.56	12/26/2017	16:02
10	I7064-09		1	5.01	50	5.00	0.00	4.06	4.06	0.94	0.74	59.08	12/26/2017	16:05
11	I7064-11		1	5.05	50	5.00	4.06	7.88	3.82	1.18	0.98	77.62	12/26/2017	16:08

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	I7064-13		1	5.03	50	5.00	0.00	4.00	4.00	1.00	0.80	63.62	12/26/2017	16:12
13	I7064-15		1	5.01	50	5.00	4.00	7.78	3.78	1.22	1.02	81.44	12/26/2017	16:15
14	I7064-17		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.90	71.57	12/26/2017	16:18
15	I7064-19		1	5.01	50	5.00	3.90	7.74	3.84	1.16	0.96	76.65	12/26/2017	16:22

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