

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89208

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)	Anal Date	Anal Time
1	PB101189BL		1	5.02	50	2.00	0.00	1.44	1.44	0.56	0.00	0.00	08/02/2017	14:32
2	I4558-05		1	5.04	50	2.00	0.00	1.26	1.26	0.74	0.18	14.29	08/02/2017	14:35
3	I4558-05DUP		1	5.02	50	2.00	1.26	2.50	1.24	0.76	0.20	15.94	08/02/2017	14:38
4	I4558-06		1	5.04	50	2.00	2.50	3.66	1.16	0.84	0.28	22.22	08/02/2017	14:40
5	I4560-05		1	5.03	50	2.00	3.66	4.62	0.96	1.04	0.48	38.17	08/02/2017	14:42
6	I4560-06		1	5.06	50	2.00	4.62	5.52	0.90	1.10	0.54	42.69	08/02/2017	14:45
7	I4562-03		1	5.04	50	2.00	5.52	6.40	0.88	1.12	0.56	44.44	08/02/2017	14:48
8	I4562-06		1	5.05	50	2.00	6.40	7.24	0.84	1.16	0.60	47.52	08/02/2017	14:50
9	I4562-09		1	5.06	50	2.00	7.24	8.02	0.78	1.22	0.66	52.17	08/02/2017	14:52
10	I4562-12		1	5.02	50	2.00	0.00	0.88	0.88	1.12	0.56	44.62	08/02/2017	14:55
11	I4562-15		1	5.07	50	2.00	0.88	1.68	0.80	1.20	0.64	50.49	08/02/2017	14:58
12	I4562-18		1	5.04	50	2.00	1.68	2.48	0.80	1.20	0.64	50.79	08/02/2017	15:02

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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13	I4562-21		1	5.03	50	2.00	2.48	3.44	0.96	1.04	0.48	38.17	08/02/2017	15:05
14	I4562-24		1	5.03	50	2.00	3.44	4.04	0.60	1.40	0.84	66.80	08/02/2017	15:08

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