

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87518

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB99037BL		1	5.02	50	5.00	0.00	3.80	3.80	1.20	0.00	0.00	05/17/2017	15:15
2	I3165-02		1	5.04	50	5.00	0.00	3.78	3.78	1.22	0.02	1.59	05/17/2017	15:20
3	I3165-02DUP		1	5.05	50	5.00	0.00	3.80	3.80	1.20	0.00	0.00	05/17/2017	15:23
4	I3169-01		1	5.05	50	5.00	3.80	7.42	3.62	1.38	0.18	14.26	05/17/2017	15:28
5	I3182-05		1	5.06	50	5.00	0.00	3.38	3.38	1.62	0.42	33.20	05/17/2017	15:32
6	I3182-11		1	5.04	50	5.00	3.38	6.80	3.42	1.58	0.38	30.16	05/17/2017	15:35
7	I3182-17		1	5.05	50	5.00	0.00	3.12	3.12	1.88	0.68	53.86	05/17/2017	15:40
8	I3184-07		1	5.06	50	5.00	3.12	6.44	3.32	1.68	0.48	37.94	05/17/2017	15:44
9	I3184-08		1	5.04	50	5.00	0.00	2.98	2.98	2.02	0.82	65.08	05/17/2017	15:47
10	I3185-01		1	5.05	50	5.00	2.98	6.18	3.20	1.80	0.60	47.52	05/17/2017	15:50
11	I3187-05		1	5.06	50	5.00	0.00	3.00	3.00	2.00	0.80	63.24	05/17/2017	15:54
12	I3188-03		1	5.05	50	5.00	3.00	5.98	2.98	2.02	0.82	64.95	05/17/2017	15:58

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

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13	I3189-05		1	5.04	50	5.00	0.00	2.34	2.34	2.66	1.46	115.87	05/17/2017	16:02
14	I3189-10		1	5.03	50	5.00	2.34	5.78	3.44	1.56	0.36	28.63	05/17/2017	16:05

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