

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87593

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	PB99144BL		1	5.02	50	5.00	0.00	4.48	4.48	0.52	0.00	0.00	05/21/2017	10:00
2	I3243-05		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.02	1.59	05/21/2017	10:03
3	I3243-05DUP		1	5.03	50	5.00	4.46	8.90	4.44	0.56	0.04	3.18	05/21/2017	10:07
4	I3243-10		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.02	1.59	05/21/2017	10:10
5	I3249-18		1	5.05	50	5.00	4.46	8.94	4.48	0.52	0.00	0.00	05/21/2017	10:14
6	I3249-20		1	5.02	50	5.00	0.00	4.26	4.26	0.74	0.22	17.53	05/21/2017	10:17
7	I3249-22		1	5.03	50	5.00	4.26	8.62	4.36	0.64	0.12	9.54	05/21/2017	10:20
8	I3249-24		1	5.04	50	5.00	0.00	4.18	4.18	0.82	0.30	23.81	05/21/2017	10:24
9	I3249-26		1	5.03	50	5.00	4.18	8.42	4.24	0.76	0.24	19.09	05/21/2017	10:27
10	I3249-28		1	5.06	50	5.00	0.00	4.04	4.04	0.96	0.44	34.78	05/21/2017	10:30
11	I3249-30		1	5.04	50	5.00	4.04	8.14	4.10	0.90	0.38	30.16	05/21/2017	10:34
12	I3249-32		1	5.03	50	5.00	0.00	4.10	4.10	0.90	0.38	30.22	05/21/2017	10:37

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	I3250-02		1	5.05	50	5.00	4.10	8.10	4.00	1.00	0.48	38.02	05/21/2017	10:40
14	I3278-03		1	5.04	50	5.00	0.00	4.06	4.06	0.94	0.42	33.33	05/21/2017	10:43
15	I3278-06		1	5.03	50	5.00	4.06	8.20	4.14	0.86	0.34	27.04	05/21/2017	10:47
16	I3278-09		1	5.04	50	5.00	0.00	3.98	3.98	1.02	0.50	39.68	05/21/2017	10:50

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