

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87261

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	PB98713BL		1	5.03	50	5.00	0.00	4.18	4.18	0.82	0.00	0.00	05/04/2017	15:00
2	I2947-21		1	5.04	50	5.00	0.00	4.04	4.04	0.96	0.14	11.11	05/04/2017	15:03
3	I2947-21DUP		1	5.06	50	5.00	4.04	8.06	4.02	0.98	0.16	12.65	05/04/2017	15:07
4	I2947-22		1	5.05	50	5.00	0.00	4.00	4.00	1.00	0.18	14.26	05/04/2017	15:10
5	I2947-23		1	5.07	50	5.00	0.00	3.88	3.88	1.12	0.30	23.67	05/04/2017	15:13
6	I2947-24		1	5.05	50	5.00	3.88	7.82	3.94	1.06	0.24	19.01	05/04/2017	15:17
7	I2947-25		1	5.06	50	5.00	0.00	3.84	3.84	1.16	0.34	26.88	05/04/2017	15:20
8	I2947-26		1	5.05	50	5.00	3.84	7.58	3.74	1.26	0.44	34.85	05/04/2017	15:24
9	I2949-03		1	5.06	50	5.00	0.00	3.86	3.86	1.14	0.32	25.30	05/04/2017	15:27
10	I2953-04		1	5.08	50	5.00	3.86	7.62	3.76	1.24	0.42	33.07	05/04/2017	15:30
11	I2956-03		1	5.07	50	5.00	0.00	3.66	3.66	1.34	0.52	41.03	05/04/2017	15:34
12	I2956-06		1	5.06	50	5.00	3.66	7.30	3.64	1.36	0.54	42.69	05/04/2017	15:37

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	I2957-03		1	5.05	50	5.00	0.00	3.62	3.62	1.38	0.56	44.36	05/04/2017	15:40
14	I2957-06		1	5.03	50	5.00	3.62	7.16	3.54	1.46	0.64	50.89	05/04/2017	15:44
15	I2969-02		1	5.02	50	5.00	0.00	3.64	3.64	1.36	0.54	43.03	05/04/2017	15:47
16	I2969-12		1	5.06	50	5.00	3.64	7.08	3.44	1.56	0.74	58.50	05/04/2017	15:50

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