

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86677

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	PB97997BL		1	5.00	50	5.00	0.00	4.48	4.48	0.52	0.00	0.00	04/03/2017	12:30
2	I2488-02		1	5.04	50	5.00	0.00	4.36	4.36	0.64	0.12	9.52	04/03/2017	12:35
3	I2488-02DUP		1	5.03	50	5.00	4.36	8.72	4.36	0.64	0.12	9.54	04/03/2017	12:40
4	I2493-17		1	5.04	50	5.00	0.00	4.06	4.06	0.94	0.42	33.33	04/03/2017	12:46
5	I2493-19		1	5.05	50	5.00	4.06	8.16	4.10	0.90	0.38	30.10	04/03/2017	12:50
6	I2493-25		1	5.06	50	5.00	0.00	4.06	4.06	0.94	0.42	33.20	04/03/2017	12:54
7	I2493-27		1	5.04	50	5.00	4.06	8.14	4.08	0.92	0.40	31.75	04/03/2017	13:00
8	I2495-11		1	5.03	50	5.00	0.00	4.12	4.12	0.88	0.36	28.63	04/03/2017	13:04
9	I2495-12		1	5.02	50	5.00	4.12	8.14	4.02	0.98	0.46	36.65	04/03/2017	13:10
10	I2495-13		1	5.04	50	5.00	0.00	3.90	3.90	1.10	0.58	46.03	04/03/2017	13:15
11	I2495-14		1	5.06	50	5.00	3.90	7.84	3.94	1.06	0.54	42.69	04/03/2017	13:20
12	I2500-03		1	5.05	50	5.00	0.00	3.96	3.96	1.04	0.52	41.19	04/03/2017	13:24

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	I2508-02		1	5.04	50	5.00	3.96	7.78	3.82	1.18	0.66	52.38	04/03/2017	13:30
14	I2508-04		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.58	46.12	04/03/2017	13:35

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