CHEMTECH

Analytical Summary Report

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB89698

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

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	PB101798BL		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.00	0.00	08/24/2017	13:02
2	I4924-03		1	5.04	50	2.00	0.00	1.36	1.36	0.64	0.22	17.46	08/24/2017	13:05
3	I4924-03DUP		1	5.03	50	2.00	1.36	2.70	1.34	0.66	0.24	19.09	08/24/2017	13:08
4	I4934-11		1	5.04	50	2.00	2.70	4.14	1.44	0.56	0.14	11.11	08/24/2017	13:10
5	I4934-12		1	5.05	50	2.00	4.14	5.48	1.34	0.66	0.24	19.01	08/24/2017	13:12
6	I4934-13		1	5.04	50	2.00	5.48	6.72	1.24	0.76	0.34	26.98	08/24/2017	13:15
7	I4934-14		1	5.03	50	2.00	0.00	1.30	1.30	0.70	0.28	22.27	08/24/2017	13:18
8	I4934-15		1	5.04	50	2.00	1.30	2.64	1.34	0.66	0.24	19.05	08/24/2017	13:20
9	I4943-03		1	5.03	50	2.00	2.64	3.68	1.04	0.96	0.54	42.94	08/24/2017	13:22
10	I4944-02		1	5.04	50	2.00	3.68	4.66	0.98	1.02	0.60	47.62	08/24/2017	13:25
11	I4945-10		1	5.03	50	2.00	4.66	5.76	1.10	0.90	0.48	38.17	08/24/2017	13:28
12	I4946-03		1	5.04	50	2.00	5.76	7.14	1.38	0.62	0.20	15.87	08/24/2017	13:30

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	I4947-05		1	5.03	50	2.00	0.00	1.50	1.50	0.50	0.08	6.36	08/24/2017	13:32
14	I4947-10		1	5.04	50	2.00	1.50	2.72	1.22	0.78	0.36	28.57	08/24/2017	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