

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86653

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 Volume (mL)	Final Volume (mL)	T1 (mL)	T2 Initial	T2 Final	T2 Diff. (mL)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	AnalDate	Anal Time
1	PB97960BL		1	50	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	03/31/2017	12:00
2	PB97960BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.60	20.80	03/31/2017	12:04
3	I2475-01		1	50	50	5.00	2.26	5.88	3.62	1.38	1.18	9.44	03/31/2017	12:09
4	I2475-01DUP		1	50	50	5.00	0.00	3.64	3.64	1.36	1.16	9.28	03/31/2017	12:15
5	I2475-01MS	25	1	50	50	5.00	3.64	5.82	2.18	2.82	2.62	20.96	03/31/2017	12:18
6	I2475-01MSD	25	1	50	50	5.00	0.00	2.16	2.16	2.84	2.64	21.12	03/31/2017	12:23
7	I2475-02		1	50	50	5.00	0.00	3.64	3.64	1.36	1.16	9.28	03/31/2017	12:28
8	I2475-03		1	50	50	5.00	3.64	7.00	3.36	1.64	1.44	11.52	03/31/2017	12:32
9	I2475-04		1	50	50	5.00	0.00	4.50	4.50	0.50	0.30	2.40	03/31/2017	12:38
10	I2475-06		1	50	50	5.00	4.50	7.80	3.30	1.70	1.50	12.00	03/31/2017	12:42
11	I2475-07		1	50	50	5.00	0.00	3.18	3.18	1.82	1.62	12.96	03/31/2017	12:50

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