

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87403

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)	AnalDate	Anal Time
1	PB98874BL		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/11/2017	12:30
2	PB98874BS	250	1	5.03	50	5.00	0.00	1.96	1.96	3.04	2.64	209.94	05/11/2017	12:34
3	I3084-01		1	5.04	50	5.00	0.00	4.50	4.50	0.50	0.10	7.94	05/11/2017	12:38
4	I3084-01DUP		1	5.03	50	5.00	4.54	9.04	4.50	0.50	0.10	7.95	05/11/2017	12:43
5	I3084-01MS	250	1	5.03	50	5.00	0.00	2.14	2.14	2.86	2.46	195.63	05/11/2017	12:46
6	I3084-01MSD	250	1	5.03	50	5.00	2.14	4.26	2.12	2.88	2.48	197.22	05/11/2017	12:50
7	I3087-01		1	5.04	50	5.00	0.00	4.40	4.40	0.60	0.20	15.87	05/11/2017	12:53

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