

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87462

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	PB98952BL		1	5.02	50	5.00	0.00	4.98	4.98	0.02	0.00	0.00	05/15/2017	15:00
2	PB98952BS	250	1	5.03	50	5.00	0.00	2.44	2.44	2.56	2.54	201.99	05/15/2017	15:04
3	I3141-01		1	5.04	50	5.00	0.00	4.86	4.86	0.14	0.12	9.52	05/15/2017	15:07
4	I3141-01DUP		1	5.03	50	5.00	4.86	9.72	4.86	0.14	0.12	9.54	05/15/2017	15:10
5	I3141-01MS	250	1	5.03	50	5.00	0.00	2.46	2.46	2.54	2.52	200.40	05/15/2017	15:14
6	I3141-01MSD	250	1	5.03	50	5.00	2.46	4.94	2.48	2.52	2.50	198.81	05/15/2017	15:18
7	I3144-01		1	5.05	50	5.00	0.00	4.64	4.64	0.36	0.34	26.93	05/15/2017	15:22

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