

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91027

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)	AnalDate	Anal Time
1	PB103572BL		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.00	0.00	10/23/2017	17:02
2	PB103572BS	250	1	5.03	50	5.00	0.00	1.98	1.98	3.02	2.52	200.40	10/23/2017	17:05
3	I6010-01		1	5.04	50	5.00	0.00	3.90	3.90	1.10	0.60	47.62	10/23/2017	17:08
4	I6010-01DUP		1	5.04	50	5.00	3.90	7.78	3.88	1.12	0.62	49.21	10/23/2017	17:10
5	I6010-01MS	250	1	5.03	50	5.00	0.00	2.62	2.62	2.38	1.88	149.50	10/23/2017	17:12
6	I6010-01MSD	250	1	5.03	50	5.00	2.62	5.22	2.60	2.40	1.90	151.09	10/23/2017	17:15
7	I6013-01		1	5.04	50	5.00	0.00	3.62	3.62	1.38	0.88	69.84	10/23/2017	17:18

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