

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88334

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2236
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	PB100105BL		1	5.02	50	5.00	0.00	5.00	5.00	0.00	0.00	0.00	06/23/2017	16:45
2	PB100105BS	250	1	5.03	50	5.00	0.00	2.48	2.48	2.52	2.52	200.40	06/23/2017	16:48
3	I3844-01		1	5.04	50	5.00	0.00	4.66	4.66	0.34	0.34	26.98	06/23/2017	16:52
4	I3844-01DUP		1	5.03	50	5.00	0.00	4.64	4.64	0.36	0.36	28.63	06/23/2017	16:55
5	I3844-01MS	250	1	5.03	50	5.00	0.00	2.70	2.70	2.30	2.30	182.90	06/23/2017	16:58
6	I3844-01MSD	250	1	5.03	50	5.00	2.70	5.38	2.68	2.32	2.32	184.49	06/23/2017	17:02
7	I3879-01		1	5.04	50	5.00	0.00	4.60	4.60	0.40	0.40	31.75	06/23/2017	17:05

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