

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88335

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 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	PB100104BL		1	50	50	5.00	0.00	4.98	4.98	0.02	0.00	0.00	06/23/2017	17:10
2	PB100104BS	25	1	50	50	5.00	0.00	2.48	2.48	2.52	2.50	20.00	06/23/2017	17:14
3	I3870-01		1	5.00	50	5.00	0.00	2.56	2.56	2.44	2.42	193.60	06/23/2017	17:18
4	I3870-02		1	50	50	5.00	2.56	4.90	2.34	2.66	2.64	21.12	06/23/2017	17:22
5	I3870-02DUP		1	50	50	5.00	0.00	2.32	2.32	2.68	2.66	21.28	06/23/2017	17:25
6	I3870-02MS	25	1	50	50	5.00	0.00	2.14	2.14	2.86	2.84	22.72	06/23/2017	17:28
7	I3870-02MSD	25	1	50	50	5.00	2.34	4.46	2.12	2.88	2.86	22.88	06/23/2017	17:32
8	I3870-03		1	50	50	5.00	0.00	2.40	2.40	2.60	2.58	20.64	06/23/2017	17:35

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