

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87637

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	PB99184BL		1	5.02	50	5.00	0.00	4.96	4.96	0.04	0.00	0.00	05/22/2017	16:30
2	PB99184BS	250	1	5.03	50	5.00	0.00	2.42	2.42	2.58	2.54	201.99	05/22/2017	16:34
3	I3252-01		1	5.04	50	5.00	2.72	7.60	4.88	0.12	0.08	6.35	05/22/2017	16:38
4	I3252-01DUP		1	5.03	50	5.00	0.00	4.88	4.88	0.12	0.08	6.36	05/22/2017	16:41
5	I3252-01MS	250	1	5.03	50	5.00	0.00	2.74	2.74	2.26	2.22	176.54	05/22/2017	16:45
6	I3252-01MSD	250	1	5.03	50	5.00	2.74	5.46	2.72	2.28	2.24	178.13	05/22/2017	16:48
7	I3257-01		1	5.04	50	5.00	2.74	7.42	4.68	0.32	0.28	22.22	05/22/2017	16:52
8	I3261-01		1	5.05	50	5.00	0.00	4.30	4.30	0.70	0.66	52.28	05/22/2017	16:55
9	I3264-01		1	5.04	50	5.00	4.00	8.66	4.66	0.34	0.30	23.81	05/22/2017	16:58

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