

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91220

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB103823BL		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	10/30/2017	18:02
2	PB103823BS	250	1	5.03	50	5.00	0.00	2.08	2.08	2.92	2.52	200.40	10/30/2017	18:05
3	I6210-01		1	5.04	50	5.00	0.00	3.88	3.88	1.12	0.72	57.14	10/30/2017	18:08
4	I6210-01DUP		1	5.04	50	5.00	3.88	7.74	3.86	1.14	0.74	58.73	10/30/2017	18:10
5	I6210-01MS	250	1	5.03	50	5.00	0.00	2.18	2.18	2.82	2.42	192.45	10/30/2017	18:12
6	I6210-01MSD	250	1	5.03	50	5.00	2.18	4.34	2.16	2.84	2.44	194.04	10/30/2017	18:15
7	I6213-01		1	5.04	50	5.00	0.00	3.62	3.62	1.38	0.98	77.78	10/30/2017	18:18

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