

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB103783

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.03
 Normality2: 0.03

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
Starch Solution, 4L	W2379

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	PB121115BL		1	50	50	5.00	0.00	4.78	4.78	0.22	0.00	0.00	07/02/2019	14:30
2	PB121115BS	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.58	20.64	07/02/2019	14:32
3	K3591-07		1	50	50	5.00	0.00	4.70	4.70	0.30	0.08	0.64	07/02/2019	14:35
4	K3591-08		1	50	50	5.00	0.00	4.64	4.64	0.36	0.14	1.12	07/02/2019	14:38
5	K3591-09		1	50	50	5.00	0.00	4.72	4.72	0.28	0.06	0.48	07/02/2019	14:42
6	K3605-01		1	50	50	5.00	0.00	1.64	1.64	3.36	3.14	25.12	07/02/2019	14:45
7	K3605-01DUP		1	50	50	5.00	1.64	3.30	1.66	3.34	3.12	24.96	07/02/2019	14:48
8	K3605-01MS	25	1	50	50	5.00	3.30	3.64	0.34	4.66	4.44	35.52	07/02/2019	14:52
9	K3605-01MSD	25	1	50	50	5.00	3.64	4.00	0.36	4.64	4.42	35.36	07/02/2019	14:55
10	K3605-02		1	50	50	5.00	0.00	2.92	2.92	2.08	1.86	14.88	07/02/2019	14:58

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