

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB101057

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2410
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	PB117450BL		1	50	50	5.00	0.00	4.68	4.68	0.32	0.00	0.00	02/27/2019	14:32
2	PB117450BS	25	1	50	50	5.00	0.00	2.16	2.16	2.84	2.52	20.16	02/27/2019	14:35
3	K1560-07		1	50	50	5.00	0.00	4.60	4.60	0.40	0.08	0.64	02/27/2019	14:38
4	K1560-08		1	50	50	5.00	0.00	4.32	4.32	0.68	0.36	2.88	02/27/2019	14:42
5	K1640-01		1	50	50	5.00	0.00	3.98	3.98	1.02	0.70	5.60	02/27/2019	14:45
6	K1640-01DUP		1	50	50	5.00	3.98	7.94	3.96	1.04	0.72	5.76	02/27/2019	14:48
7	K1640-01MS	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.56	20.48	02/27/2019	14:52
8	K1640-01MSD	25	1	50	50	5.00	2.12	4.26	2.14	2.86	2.54	20.32	02/27/2019	14:55
9	K1640-02		1	50	50	5.00	0.00	3.90	3.90	1.10	0.78	6.24	02/27/2019	14:58
10	K1640-03		1	50	50	5.00	0.00	4.18	4.18	0.82	0.50	4.00	02/27/2019	15:02
11	K1640-04		1	50	50	5.00	0.00	3.90	3.90	1.10	0.78	6.24	02/27/2019	15:05

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