

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB104921

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

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	PB122744BL		1	5.03	50	5.00	0.00	4.86	4.86	0.14	0.00	0.00	08/31/2019	13:45
2	PB122744BS	250	1	5.02	50	5.00	0.00	2.34	2.34	2.66	2.52	200.80	08/31/2019	13:48
3	K4587-01		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.08	6.37	08/31/2019	13:52
4	K4587-01DUP		1	5.04	50	5.00	4.78	9.56	4.78	0.22	0.08	6.35	08/31/2019	13:55
5	K4587-01MS	250	1	5.05	50	5.00	0.00	2.74	2.74	2.26	2.12	167.92	08/31/2019	13:58
6	K4587-01MSD	250	1	5.05	50	5.00	2.74	5.50	2.76	2.24	2.10	166.34	08/31/2019	14:02

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