

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB103981

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 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	PB121401BL		1	5.02	50	5.00	0.00	4.76	4.76	0.24	0.00	0.00	07/15/2019	16:30
2	PB121401BS	250	1	5.03	50	5.00	0.00	2.18	2.18	2.82	2.58	205.17	07/15/2019	16:32
3	K3807-01		1	5.02	50	5.00	0.00	4.66	4.66	0.34	0.10	7.97	07/15/2019	16:35
4	K3807-01DUP		1	5.04	50	5.00	4.66	9.30	4.64	0.36	0.12	9.52	07/15/2019	16:38
5	K3807-01MS	250	1	5.05	50	5.00	0.00	2.64	2.64	2.36	2.12	167.92	07/15/2019	16:42
6	K3807-01MSD	250	1	5.05	50	5.00	2.64	5.26	2.62	2.38	2.14	169.50	07/15/2019	16:45

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