

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB104294

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	PB121780BL		1	5.02	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	07/29/2019	12:15
2	PB121780BS	250	1	5.03	50	5.00	4.82	6.96	2.14	2.86	2.68	213.12	07/29/2019	12:18
3	K4034-01		1	5.02	50	5.00	0.00	4.76	4.76	0.24	0.06	4.78	07/29/2019	12:22
4	K4034-01DUP		1	5.04	50	5.00	4.76	9.50	4.74	0.26	0.08	6.35	07/29/2019	12:25
5	K4034-01MS	250	1	5.05	50	5.00	0.00	2.38	2.38	2.62	2.44	193.27	07/29/2019	12:28
6	K4034-01MSD	250	1	5.05	50	5.00	2.38	4.74	2.36	2.64	2.46	194.85	07/29/2019	12:32

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