

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB102837

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119851BL		1	5.02	50	5.00	0.00	4.60	4.60	0.40	0.00	0.00	05/17/2019	16:05
2	PB119851BS	250	1	5.03	50	5.00	0.00	1.94	1.94	3.06	2.66	211.53	05/17/2019	16:08
3	K2881-01		1	5.02	50	5.00	0.00	4.42	4.42	0.58	0.18	14.34	05/17/2019	16:12
4	K2881-01DUP		1	5.04	50	5.00	4.42	8.86	4.44	0.56	0.16	12.70	05/17/2019	16:15
5	K2881-01MS	250	1	5.05	50	5.00	0.00	2.28	2.28	2.72	2.32	183.76	05/17/2019	16:18
6	K2881-01MSD	250	1	5.05	50	5.00	2.28	4.58	2.30	2.70	2.30	182.18	05/17/2019	16:22

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