

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB102168

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

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	PB118947BL		1	5.02	50	5.00	0.00	4.78	4.78	0.22	0.00	0.00	04/17/2019	15:45
2	PB118947BS	250	1	5.04	50	5.00	0.00	2.22	2.22	2.78	2.56	203.17	04/17/2019	15:48
3	K2241-03		1	5.02	50	5.00	0.00	4.72	4.72	0.28	0.06	4.78	04/17/2019	15:52
4	K2414-01		1	5.04	50	5.00	0.00	4.42	4.42	0.58	0.36	28.57	04/17/2019	15:55
5	K2414-01DUP		1	5.05	50	5.00	4.42	8.82	4.40	0.60	0.38	30.10	04/17/2019	15:58
6	K2414-01MS	250	1	5.00	50	5.00	0.00	2.34	2.34	2.66	2.44	195.20	04/17/2019	16:02
7	K2414-01MSD	250	1	5.00	50	5.00	2.34	4.66	2.32	2.68	2.46	196.80	04/17/2019	16:05
8	K2417-01		1	5.03	50	5.00	0.00	4.48	4.48	0.52	0.30	23.86	04/17/2019	16:08
9	K2437-01		1	5.02	50	5.00	4.48	9.08	4.60	0.40	0.18	14.34	04/17/2019	16:12

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