

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB102650

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	PB119589BL		1	5.03	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	05/09/2019	16:10
2	PB119589BS	250	1	5.02	50	5.00	4.80	7.08	2.28	2.72	2.52	200.80	05/09/2019	16:12
3	K2771-01		1	5.02	50	5.00	0.00	4.56	4.56	0.44	0.24	19.12	05/09/2019	16:15
4	K2771-01DUP		1	5.04	50	5.00	4.56	9.10	4.54	0.46	0.26	20.63	05/09/2019	16:18
5	K2771-01MS	250	1	5.05	50	5.00	0.00	2.44	2.44	2.56	2.36	186.93	05/09/2019	16:22
6	K2771-01MSD	250	1	5.05	50	5.00	2.44	4.86	2.42	2.58	2.38	188.51	05/09/2019	16:25
7	K2774-01		1	5.02	50	5.00	0.00	4.74	4.74	0.26	0.06	4.78	05/09/2019	16:28

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