

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104153

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

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 Volume (mL)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB121632BL		1	5	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	07/22/2019	13:48
2	K3891-01		1	5	50	2.00	1.86	3.66	1.80	0.20	0.06	4.80	07/22/2019	13:52
3	K3891-01DUP		1	5	50	2.00	3.68	5.48	1.80	0.20	0.06	4.80	07/22/2019	13:55
4	K3891-02		1	5	50	2.00	5.48	7.26	1.78	0.22	0.08	6.40	07/22/2019	13:58
5	K3891-04		1	5	50	2.00	0.00	1.82	1.82	0.18	0.04	3.20	07/22/2019	14:02
6	K3891-05		1	5	50	2.00	1.82	3.66	1.84	0.16	0.02	1.60	07/22/2019	14:05
7	K3891-06		1	5	50	2.00	3.66	5.46	1.80	0.20	0.06	4.80	07/22/2019	14:08

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