

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100106

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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)	Anal Date	Anal Time
1	PB116092BL		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	01/02/2019	11:00
2	J6584-01		1	5.03	50	2.00	1.72	3.40	1.68	0.32	0.04	3.18	01/02/2019	11:03
3	J6584-01DUP		1	5.02	50	2.00	3.40	5.06	1.66	0.34	0.06	4.78	01/02/2019	11:05
4	J6584-02		1	5.04	50	2.00	0.00	1.62	1.62	0.38	0.10	7.94	01/02/2019	11:07
5	J6584-03		1	5.05	50	2.00	1.62	3.30	1.68	0.32	0.04	3.17	01/02/2019	11:09
6	J6595-01		1	5.03	50	2.00	3.30	5.00	1.70	0.30	0.02	1.59	01/02/2019	11:11

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