

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB106973

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP80247
IODINE SOLUTION .025N 1L	W2508
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)	Anal Date	Anal Time
1	PB125786BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/30/2019	11:50
2	K6114-02		1	5.01	50	2.00	1.92	3.58	1.66	0.34	0.26	20.76	12/30/2019	11:52
3	K6114-02DUP		1	5.01	50	2.00	3.58	5.26	1.68	0.32	0.24	19.16	12/30/2019	11:54
4	K6455-07		1	5.06	50	2.00	5.26	6.96	1.70	0.30	0.22	17.39	12/30/2019	11:56
5	K6456-02		1	5.09	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	12/30/2019	11:58
6	K6456-04		1	5.05	50	1.92	2.00	3.68	1.68	0.24	0.16	12.67	12/30/2019	12:00

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