

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109438

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2703

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	PB129269BL		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	06/04/2020	13:35
2	L2814-13		1	5.03	50	2.00	1.80	3.46	1.66	0.34	0.14	11.13	06/04/2020	13:38
3	L2837-02		1	5.04	50	2.00	3.46	5.20	1.74	0.26	0.06	4.76	06/04/2020	13:42
4	L2837-02DUP		1	5.05	50	2.00	5.20	6.96	1.76	0.24	0.04	3.17	06/04/2020	13:45
5	L2871-04		1	5.02	50	2.00	6.96	8.54	1.58	0.42	0.22	17.53	06/04/2020	13:48

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