

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111720

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2670
Starch Solution, 4L	W2703

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	PB132656BL		1	50	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/28/2020	11:45
2	L4516-02		1	50	50	2.00	1.88	3.70	1.82	0.18	0.06	0.48	10/28/2020	11:48
3	L4516-02DUP		1	50	50	2.00	3.70	5.50	1.80	0.20	0.08	0.64	10/28/2020	11:50
4	L4516-05		1	50	50	2.00	5.50	7.34	1.84	0.16	0.04	0.32	10/28/2020	11:52
5	L4520-02		1	50	50	2.00	7.34	9.20	1.86	0.14	0.02	0.16	10/28/2020	11:55

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