

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109439

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 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	PB129268BL		1	50	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	06/04/2020	13:52
2	L2831-01		1	50	50	2.00	1.82	3.56	1.74	0.26	0.08	0.64	06/04/2020	13:55
3	L2831-01DUP		1	50	50	2.00	3.56	5.32	1.76	0.24	0.06	0.48	06/04/2020	13:58
4	L2858-03		1	50	50	2.00	5.32	7.12	1.80	0.20	0.02	0.16	06/04/2020	14:02
5	L2859-02		1	50	50	2.00	7.12	8.82	1.70	0.30	0.12	0.96	06/04/2020	14:05

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