

Analysis Method: 9034
 Parameter: Sulfide
 Run Number: LB109443

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)	AnalDate	Anal Time
1	PB129319BL		1	50	50	5.00	0.00	4.62	4.62	0.38	0.00	0.00	06/04/2020	16:45
2	PB129319BS	25	1	50	50	5.00	0.00	2.12	2.12	2.88	2.50	20.00	06/04/2020	16:48
3	L2888-01		1	50	50	5.00	0.00	4.32	4.32	0.68	0.30	2.40	06/04/2020	16:52
4	L2888-01DUP		1	50	50	5.00	4.32	8.62	4.30	0.70	0.32	2.56	06/04/2020	16:55
5	L2888-01MS	25	1	50	50	5.00	0.00	3.36	3.36	1.64	1.26	10.08	06/04/2020	16:58
6	L2888-01MSD	25	1	50	50	5.00	3.36	6.70	3.34	1.66	1.28	10.24	06/04/2020	17:02
7	L2888-02		1	50	50	5.00	0.00	4.32	4.32	0.68	0.30	2.40	06/04/2020	17:05

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