

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102330

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119185BL		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	04/24/2019	12:40
2	K2200-08		1	5.02	50	2.00	1.70	3.34	1.64	0.36	0.06	4.78	04/24/2019	12:42
3	K2200-08DUP		1	5.04	50	2.00	3.34	4.96	1.62	0.38	0.08	6.35	04/24/2019	12:45
4	K2200-10		1	5.05	50	2.00	0.00	1.66	1.66	0.34	0.04	3.17	04/24/2019	12:48
5	K2200-12		1	5.00	50	2.00	1.66	3.34	1.68	0.32	0.02	1.60	04/24/2019	12:52
6	K2541-02		1	5.02	50	2.00	3.34	4.94	1.60	0.40	0.10	7.97	04/24/2019	12:55
7	K2542-04		1	5.03	50	2.00	0.00	1.70	1.70	0.30	0.00	0.00	04/24/2019	12:58
8	K2542-08		1	5.02	50	2.00	1.70	3.30	1.60	0.40	0.10	7.97	04/24/2019	13:02
9	K2542-12		1	5.01	50	2.00	3.30	4.92	1.62	0.38	0.08	6.39	04/24/2019	13:05
10	K2542-16		1	5.04	50	2.00	4.92	6.50	1.58	0.42	0.12	9.52	04/24/2019	13:08
11	K2542-20		1	5.03	50	2.00	6.50	8.08	1.58	0.42	0.12	9.54	04/24/2019	13:12

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