

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102353

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	PB119219BL		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	04/25/2019	13:35
2	K2203-18		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.02	1.59	04/25/2019	13:38
3	K2203-18DUP		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.04	3.17	04/25/2019	13:42
4	K2203-20		1	5.05	50	2.00	0.00	1.76	1.76	0.24	0.06	4.75	04/25/2019	13:45
5	K2544-02		1	5.00	50	2.00	1.76	3.50	1.74	0.26	0.08	6.40	04/25/2019	13:48
6	K2553-03		1	5.02	50	2.00	3.50	5.10	1.60	0.40	0.22	17.53	04/25/2019	13:52
7	K2553-06		1	5.03	50	2.00	5.10	6.80	1.70	0.30	0.12	9.54	04/25/2019	13:55
8	K2554-03		1	5.01	50	2.00	6.80	8.48	1.68	0.32	0.14	11.18	04/25/2019	13:58

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