

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100672

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP70959
IODINE SOLUTION .025N 1L	W2410
Starch Solution, 4L	W2277

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	PB116846BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	02/05/2019	12:10
2	K1341-02		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	02/05/2019	12:14
3	K1341-02DUP		1	5.04	50	2.00	3.68	5.48	1.80	0.20	0.06	4.76	02/05/2019	12:17
4	K1341-04		1	5.05	50	2.00	0.00	1.76	1.76	0.24	0.10	7.92	02/05/2019	12:20
5	K1341-06		1	5.05	50	2.00	1.76	3.40	1.64	0.36	0.22	17.43	02/05/2019	12:24
6	K1346-02		1	5.02	50	2.00	3.40	5.04	1.64	0.36	0.22	17.53	02/05/2019	12:28
7	K1346-04		1	5.03	50	2.00	5.04	6.82	1.78	0.22	0.08	6.36	02/05/2019	12:32
8	K1346-06		1	5.02	50	2.00	6.82	8.44	1.62	0.38	0.24	19.12	02/05/2019	12:35
9	K1350-02		1	5.04	50	2.00	0.00	1.68	1.68	0.32	0.18	14.29	02/05/2019	12:38
10	K1350-04		1	5.02	50	2.00	1.68	3.30	1.62	0.38	0.24	19.12	02/05/2019	12:42

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