

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111910

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

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	PB132898BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	11/10/2020	15:40
2	L4660-01		1	5.02	50	2.00	1.92	3.78	1.86	0.14	0.06	4.78	11/10/2020	15:42
3	L4660-01DUP		1	5.04	50	2.00	3.78	5.66	1.88	0.12	0.04	3.17	11/10/2020	15:45
4	L4672-02		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	11/10/2020	15:48
5	L4672-05		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.10	7.94	11/10/2020	15:50
6	L4680-02		1	5.06	50	2.00	1.82	3.62	1.80	0.20	0.12	9.49	11/10/2020	15:52
7	L4680-04		1	5.03	50	2.00	3.62	5.48	1.86	0.14	0.06	4.77	11/10/2020	15:55
8	L4680-06		1	5.04	50	2.00	5.48	7.30	1.82	0.18	0.10	7.94	11/10/2020	15:58
9	L4681-04		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.08	6.39	11/10/2020	16:02
10	L4681-08		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.06	4.78	11/10/2020	16:05

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