

Analysis Method: 9034

ANALYST: Ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90911

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
Starch Solution, 4L	W2121

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	PB103407BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/18/2017	13:47
2	I5943-03		1	5.04	50	2.00	3.62	5.44	1.82	0.18	0.06	4.76	10/18/2017	13:54
3	I5943-03DUP		1	5.03	50	2.00	5.44	7.28	1.84	0.16	0.04	3.18	10/18/2017	13:56
4	I5951-03		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.08	6.35	10/18/2017	13:57
5	I5952-03		1	5.05	50	2.00	1.80	3.42	1.62	0.38	0.26	20.59	10/18/2017	13:58
6	I5953-03		1	5.04	50	2.00	3.42	5.12	1.70	0.30	0.18	14.29	10/18/2017	13:59
7	I5953-06		1	5.03	50	2.00	5.12	6.78	1.66	0.34	0.22	17.50	10/18/2017	13:59

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