

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88673

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	PB100586BL		1	5.02	50	2.00	0.00	1.52	1.52	0.48	0.00	0.00	07/12/2017	12:05
2	I4144-04		1	5.04	50	2.00	1.52	3.04	1.52	0.48	0.00	0.00	07/12/2017	12:08
3	I4144-04DUP		1	5.03	50	2.00	3.04	4.54	1.50	0.50	0.02	1.59	07/12/2017	12:10
4	I4144-05		1	5.04	50	2.00	4.54	6.00	1.46	0.54	0.06	4.76	07/12/2017	12:12
5	I4144-06		1	5.05	50	2.00	6.00	7.52	1.52	0.48	0.00	0.00	07/12/2017	12:14
6	I4145-07		1	5.04	50	2.00	7.52	8.92	1.40	0.60	0.12	9.52	07/12/2017	12:16
7	I4148-07		1	5.03	50	2.00	0.00	1.32	1.32	0.68	0.20	15.90	07/12/2017	12:18
8	I4149-03		1	5.04	50	2.00	1.32	2.72	1.40	0.60	0.12	9.52	07/12/2017	12:20

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