

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88687

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	PB100609BL		1	5.02	50	2.00	0.00	1.68	1.68	0.32	0.00	0.00	07/13/2017	11:30
2	I4163-03		1	5.04	50	2.00	1.68	3.26	1.58	0.42	0.10	7.94	07/13/2017	11:34
3	I4163-03DUP		1	5.03	50	2.00	3.26	4.82	1.56	0.44	0.12	9.54	07/13/2017	11:36
4	I4164-03		1	5.04	50	2.00	4.82	6.36	1.54	0.46	0.14	11.11	07/13/2017	11:38
5	I4166-06		1	5.05	50	2.00	6.36	7.92	1.56	0.44	0.12	9.50	07/13/2017	11:40
6	I4166-12		1	5.04	50	2.00	7.92	9.48	1.56	0.44	0.12	9.52	07/13/2017	11:44

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