

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91409

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2261
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	PB104050BL		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.00	0.00	11/07/2017	12:05
2	I6300-02		1	5.04	50	2.00	1.64	3.24	1.60	0.40	0.04	3.17	11/07/2017	12:08
3	I6300-02DUP		1	5.03	50	2.00	3.24	4.82	1.58	0.42	0.06	4.77	11/07/2017	12:10
4	I6311-02		1	5.04	50	2.00	4.82	6.40	1.58	0.42	0.06	4.76	11/07/2017	12:12
5	I6359-04		1	5.05	50	2.00	6.40	7.90	1.50	0.50	0.14	11.09	11/07/2017	12:15

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