

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91389

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 Volume (mL)	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	PB104007BL		1	50	50	2.00	0.00	1.74	1.74	0.26	0.00	0.00	11/06/2017	13:25
2	I6338-03		1	50	50	2.00	1.74	3.12	1.38	0.62	0.36	2.88	11/06/2017	13:28
3	I6338-03DUP		1	50	50	2.00	3.12	4.52	1.40	0.60	0.34	2.72	11/06/2017	13:30
4	I6339-02		1	50	50	2.00	4.52	6.20	1.68	0.32	0.06	0.48	11/06/2017	13:32
5	I6341-02		1	50	50	2.00	6.20	7.72	1.52	0.48	0.22	1.76	11/06/2017	13:35

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