

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90230

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 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	PB102509BL		1	50	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	09/21/2017	13:34
2	I5333-02		1	50	50	2.00	0.00	1.60	1.60	0.40	0.24	1.92	09/21/2017	13:36
3	I5333-02DUP		1	50	50	2.00	1.60	3.22	1.62	0.38	0.22	1.76	09/21/2017	13:38
4	I5339-02		1	50	50	2.00	3.22	5.02	1.80	0.20	0.04	0.32	09/21/2017	13:40

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