

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90607

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	PB102954BL		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.00	0.00	10/05/2017	13:15
2	I5637-03		1	5.04	50	2.00	0.00	1.42	1.42	0.58	0.30	23.81	10/05/2017	13:18
3	I5637-03DUP		1	5.03	50	2.00	1.42	2.82	1.40	0.60	0.32	25.45	10/05/2017	13:20
4	I5658-03		1	5.04	50	2.00	2.82	3.70	0.88	1.12	0.84	66.67	10/05/2017	13:22
5	I5678-03		1	5.05	50	2.00	3.70	5.02	1.32	0.68	0.40	31.68	10/05/2017	13:25

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