

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86742

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2205
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	PB98104BL		1	5.00	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	04/06/2017	13:00
2	I2569-03		1	5.05	50	5.00	0.00	4.18	4.18	0.82	0.12	9.50	04/06/2017	13:05
3	I2569-03DUP		1	5.04	50	5.00	4.18	8.38	4.20	0.80	0.10	7.94	04/06/2017	13:09
4	I2571-03		1	5.04	50	5.00	0.00	3.96	3.96	1.04	0.34	26.98	04/06/2017	13:15
5	I2572-03		1	5.05	50	5.00	3.96	7.80	3.84	1.16	0.46	36.44	04/06/2017	13:20
6	I2572-06		1	5.03	50	5.00	0.00	3.90	3.90	1.10	0.40	31.81	04/06/2017	13:25
7	I2572-09		1	5.02	50	5.00	3.90	7.92	4.02	0.98	0.28	22.31	04/06/2017	13:30

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