

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86509

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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)	AnalDate	Anal Time
1	PB97694BL		1	5.00	50	5.00	0.00	4.70	4.70	0.30	0.00	0.00	03/20/2017	14:00
2	PB97694BS	250	1	5.00	50	5.00	0.00	2.04	2.04	2.96	2.66	212.80	03/20/2017	14:05
3	I2296-01		1	5.02	50	5.00	0.00	4.68	4.68	0.32	0.02	1.59	03/20/2017	14:09
4	I2296-02		1	5.03	50	5.00	0.00	4.40	4.40	0.60	0.30	23.86	03/20/2017	14:15

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