

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87103

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	PB98533BL		1	5.02	50	5.00	0.00	4.40	4.40	0.60	0.00	0.00	04/27/2017	15:57
2	I2855-01		1	5.05	50	5.00	0.00	4.16	4.16	0.84	0.24	19.01	04/27/2017	16:13
3	I2855-01DUP		1	5.04	50	5.00	4.16	8.30	4.14	0.86	0.26	20.63	04/27/2017	16:17
4	I2855-02		1	5.06	50	5.00	0.00	3.60	3.60	1.40	0.80	63.24	04/27/2017	16:21
5	I2869-05		1	5.04	50	5.00	0.00	3.90	3.90	1.10	0.50	39.68	04/27/2017	16:24
6	I2870-02		1	5.06	50	5.00	3.90	7.60	3.70	1.30	0.70	55.34	04/27/2017	16:27

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