

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86990

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	PB98371BL		1	5.00	50	5.00	0.00	4.20	4.20	0.80	0.00	0.00	04/20/2017	12:30
2	I2744-13		1	5.04	50	5.00	0.00	4.14	4.14	0.86	0.06	4.76	04/20/2017	12:34
3	I2744-13DUP		1	5.03	50	5.00	4.14	8.26	4.12	0.88	0.08	6.36	04/20/2017	12:40
4	I2744-14		1	5.05	50	5.00	0.00	3.94	3.94	1.06	0.26	20.59	04/20/2017	12:44
5	I2744-15		1	5.06	50	5.00	0.00	3.88	3.88	1.12	0.32	25.30	04/20/2017	12:50
6	I2744-20		1	5.04	50	5.00	3.88	7.88	4.00	1.00	0.20	15.87	04/20/2017	12:54
7	I2744-21		1	5.03	50	5.00	0.00	3.60	3.60	1.40	0.60	47.71	04/20/2017	12:58

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