

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86972

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)	AnalDate	Anal Time
1	PB98346BL		1	5.00	50	5.00	0.00	4.52	4.52	0.48	0.00	0.00	04/19/2017	16:00
2	PB98346BS	250	1	5.00	50	5.00	0.00	2.02	2.02	2.98	2.50	200.00	04/19/2017	16:04
3	I2732-01		1	5.04	50	5.00	2.20	6.46	4.26	0.74	0.26	20.63	04/19/2017	16:08
4	I2732-01DUP		1	5.04	50	5.00	0.00	4.24	4.24	0.76	0.28	22.22	04/19/2017	16:12
5	I2732-01MS	250	1	5.03	50	5.00	0.00	2.40	2.40	2.60	2.12	168.59	04/19/2017	16:15
6	I2732-01MSD	250	1	5.03	50	5.00	2.40	4.82	2.42	2.58	2.10	167.00	04/19/2017	16:20
7	I2735-01		1	5.05	50	5.00	0.00	3.98	3.98	1.02	0.54	42.77	04/19/2017	16:24

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