

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB86887

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	PB98260BL		1	5.00	50	5.00	0.00	4.50	4.50	0.50	0.00	0.00	04/14/2017	11:15
2	PB98260BS	250	1	5.00	50	5.00	0.00	2.00	2.00	3.00	2.50	200.00	04/14/2017	11:20
3	I2663-01		1	5.04	50	5.00	2.54	6.52	3.98	1.02	0.52	41.27	04/14/2017	11:24
4	I2663-01DUP		1	5.03	50	5.00	0.00	3.80	3.80	1.20	0.70	55.67	04/14/2017	11:30
5	I2663-01MS	250	1	5.03	50	5.00	0.00	2.14	2.14	2.86	2.36	187.67	04/14/2017	11:35
6	I2663-01MSD	250	1	5.03	50	5.00	2.14	4.26	2.12	2.88	2.38	189.26	04/14/2017	11:38
7	I2666-01		1	5.04	50	5.00	0.00	3.94	3.94	1.06	0.56	44.44	04/14/2017	11:42

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