

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88488

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2206
IODINE SOLUTION .025N 1L	W2251
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	PB100373BL		1	5.02	50	5.00	0.00	4.66	4.66	0.34	0.00	0.00	07/01/2017	11:30
2	PB100373BS	250	1	5.03	50	5.00	0.00	2.06	2.06	2.94	2.60	206.76	07/01/2017	11:34
3	I3968-01		1	5.04	50	5.00	2.26	6.78	4.52	0.48	0.14	11.11	07/01/2017	11:37
4	I3968-01DUP		1	5.03	50	5.00	0.00	4.50	4.50	0.50	0.16	12.72	07/01/2017	11:40
5	I3968-01MS	250	1	5.03	50	5.00	0.00	2.00	2.00	3.00	2.66	211.53	07/01/2017	11:44
6	I3968-01MSD	250	1	5.03	50	5.00	2.00	3.98	1.98	3.02	2.68	213.12	07/01/2017	11:47

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