

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90577

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	PB102923BL		1	5.02	50	5.00	0.00	4.50	4.50	0.50	0.00	0.00	10/04/2017	18:45
2	PB102923BS	250	1	5.03	50	5.00	0.00	1.98	1.98	3.02	2.52	200.40	10/04/2017	18:48
3	I5598-01		1	5.04	50	5.00	2.10	6.22	4.12	0.88	0.38	30.16	10/04/2017	18:50
4	I5598-01DUP		1	5.03	50	5.00	0.00	4.10	4.10	0.90	0.40	31.81	10/04/2017	18:52
5	I5598-01MS	250	1	5.03	50	5.00	4.10	6.10	2.00	3.00	2.50	198.81	10/04/2017	18:55
6	I5598-01MSD	250	1	5.03	50	5.00	6.10	8.08	1.98	3.02	2.52	200.40	10/04/2017	18:58
7	I5601-01		1	5.04	50	5.00	0.00	3.96	3.96	1.04	0.54	42.86	10/04/2017	19:02
8	I5605-01		1	5.05	50	5.00	3.96	8.00	4.04	0.96	0.46	36.44	10/04/2017	19:05

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