

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87316

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	PB98785BL		1	5.02	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	05/08/2017	16:00
2	PB98785BS	250	1	5.03	50	5.00	0.00	1.74	1.74	3.26	2.56	203.58	05/08/2017	16:03
3	I3004-01		1	5.05	50	5.00	1.76	5.50	3.74	1.26	0.56	44.36	05/08/2017	16:07
4	I3004-01DUP		1	5.05	50	5.00	0.00	3.72	3.72	1.28	0.58	45.94	05/08/2017	16:10
5	I3004-01MS	250	1	5.04	50	5.00	0.00	1.86	1.86	3.14	2.44	193.65	05/08/2017	16:13
6	I3004-01MSD	250	1	5.04	50	5.00	1.86	3.70	1.84	3.16	2.46	195.24	05/08/2017	16:16
7	I3007-01		1	5.05	50	5.00	0.00	3.78	3.78	1.22	0.52	41.19	05/08/2017	16:20

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