

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB88750

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	PB100695BL		1	5.02	50	5.00	0.00	4.76	4.76	0.24	0.00	0.00	07/17/2017	14:45
2	PB100695BS	250	1	5.03	50	5.00	0.00	2.08	2.08	2.92	2.68	213.12	07/17/2017	14:48
3	I4196-01		1	5.04	50	5.00	0.00	4.46	4.46	0.54	0.30	23.81	07/17/2017	14:52
4	I4196-01DUP		1	5.03	50	5.00	4.46	8.94	4.48	0.52	0.28	22.27	07/17/2017	14:55
5	I4196-01MS	250	1	5.03	50	5.00	0.00	2.06	2.06	2.94	2.70	214.71	07/17/2017	14:58
6	I4196-01MSD	250	1	5.03	50	5.00	2.06	4.14	2.08	2.92	2.68	213.12	07/17/2017	15:02

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