

Analysis Method: 9034

ANALYST: KETANKUMAR

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB95270

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2349
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	PB109142BL		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	05/10/2018	16:02
2	PB109142BS	250	1	5.03	50	5.00	0.00	2.28	2.28	2.72	2.52	200.40	05/10/2018	16:05
3	J2825-01		1	5.05	50	5.00	0.00	3.90	3.90	1.10	0.90	71.29	05/10/2018	16:08
4	J2825-01DUP		1	5.04	50	5.00	3.90	7.82	3.92	1.08	0.88	69.84	05/10/2018	16:12
5	J2825-01MS	250	1	5.04	50	5.00	0.00	2.40	2.40	2.60	2.40	190.48	05/10/2018	16:15
6	J2825-01MSD	250	1	5.04	50	5.00	2.40	4.78	2.38	2.62	2.42	192.06	05/10/2018	16:18
7	J2828-01		1	5.04	50	5.00	0.00	4.10	4.10	0.90	0.70	55.56	05/10/2018	16:22

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