

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB92086

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/L)	DF	Initial Volume (mL)	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	PB104913BL		1	50	50	5.00	0.00	4.82	4.82	0.18	0.00	0.00	12/11/2017	14:21
2	PB104913BS	25	1	50	50	5.00	0.00	2.32	2.32	2.68	2.50	20.00	12/11/2017	14:29
3	I6786-01		1	50	50	5.00	0.00	1.88	1.88	3.12	2.94	23.52	12/11/2017	14:36
4	I6786-01DUP		1	50	50	5.00	1.88	3.74	1.86	3.14	2.96	23.68	12/11/2017	14:42
5	I6786-01MS	25	1	50	50	5.00	3.74	5.16	1.42	3.58	3.40	27.20	12/11/2017	14:49
6	I6786-01MSD	25	1	50	50	5.00	5.16	6.60	1.44	3.56	3.38	27.04	12/11/2017	14:56
7	I6786-02		1	50	50	5.00	0.00	3.86	3.86	1.14	0.96	7.68	12/11/2017	15:03

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