

Analysis Method: 9034

ANALYST: Hiral

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB93259

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2276
IODINE SOLUTION .025N 1L	W2283
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	PB106523BL		1	5.02	50	5.00	0.00	4.80	4.80	0.20	0.00	0.00	02/13/2018	15:19
2	PB106523BS	250	1	5.03	50	5.00	0.00	2.26	2.26	2.74	2.54	201.99	02/13/2018	15:23
3	J1525-01		1	5.04	50	5.00	2.26	6.82	4.56	0.44	0.24	19.05	02/13/2018	15:27
4	J1525-01DUP		1	5.02	50	5.00	0.00	4.58	4.58	0.42	0.22	17.53	02/13/2018	15:31
5	J1525-01MS	250	1	5.03	50	5.00	0.00	2.52	2.52	2.48	2.28	181.31	02/13/2018	15:35
6	J1525-01MSD	250	1	5.03	50	5.00	2.52	5.36	2.84	2.16	1.96	155.86	02/13/2018	15:38
7	J1525-03		1	5.04	50	5.00	0.00	4.20	4.20	0.80	0.60	47.62	02/13/2018	15:42
8	J1525-05		1	5.05	50	5.00	4.20	8.18	3.98	1.02	0.82	64.95	02/13/2018	15:46

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