

Analysis Method: SM4500 S EorF

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB87315

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 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	PB98784BL		1	50	50	5.00	0.00	4.30	4.30	0.70	0.00	0.00	05/08/2017	15:30
2	PB98784BS	25	1	50	50	5.00	0.00	1.76	1.76	3.24	2.54	20.32	05/08/2017	15:33
3	I3029-01		1	50	50	5.00	0.00	4.22	4.22	0.78	0.08	0.64	05/08/2017	15:37
4	I3029-02	25	1	50	50	5.00	3.92	5.78	1.86	3.14	2.44	19.52	05/08/2017	15:40
5	I3029-03	25	1	50	50	5.00	5.78	7.62	1.84	3.16	2.46	19.68	05/08/2017	15:43
6	I3029-04		1	50	50	5.00	0.00	4.08	4.08	0.92	0.22	1.76	05/08/2017	15:46
7	I3030-01		1	50	50	5.00	4.08	8.18	4.10	0.90	0.20	1.60	05/08/2017	15:50
8	I3030-02		1	50	50	5.00	0.00	3.98	3.98	1.02	0.32	2.56	05/08/2017	15:53
9	I3030-03		1	50	50	5.00	3.68	7.70	4.02	0.98	0.28	2.24	05/08/2017	15:56

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