

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90502

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 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	PB102823BL		1	50	50	5.00	0.00	4.92	4.92	0.08	0.00	0.00	10/02/2017	14:32
2	PB102823BS	25	1	50	50	5.00	0.00	2.40	2.40	2.60	2.52	20.16	10/02/2017	14:35
3	I5571-01		1	50	50	5.00	2.40	6.72	4.32	0.68	0.60	4.80	10/02/2017	14:38
4	I5571-01DUP		1	50	50	5.00	0.00	4.30	4.30	0.70	0.62	4.96	10/02/2017	14:42
5	I5571-02	25	1	50	50	5.00	0.00	2.20	2.20	2.80	2.72	21.76	10/02/2017	14:45
6	I5571-03	25	1	50	50	5.00	2.20	4.38	2.18	2.82	2.74	21.92	10/02/2017	14:48
7	I5571-04		1	50	50	5.00	4.38	8.68	4.30	0.70	0.62	4.96	10/02/2017	14:52
8	I5571-05		1	50	50	5.00	0.00	4.42	4.42	0.58	0.50	4.00	10/02/2017	14:54
9	I5571-06	25	1	50	50	5.00	4.42	6.64	2.22	2.78	2.70	21.60	10/02/2017	14:57
10	I5571-07	25	1	50	50	5.00	2.00	4.24	2.24	2.76	2.68	21.44	10/02/2017	15:02
11	I5571-08		1	50	50	5.00	4.24	8.56	4.32	0.68	0.60	4.80	10/02/2017	15:05

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