

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB89443

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 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	PB101476BL		1	5.03	50	5.00	0.00	4.40	4.40	0.60	0.00	0.00	08/11/2017	17:30
2	PB101476BS	250	1	5.03	50	5.00	0.00	1.66	1.66	3.34	2.74	217.89	08/11/2017	17:34
3	I4727-01		1	5.04	50	5.00	1.66	5.78	4.12	0.88	0.28	22.22	08/11/2017	17:37
4	I4727-01DUP		1	5.04	50	5.00	5.78	9.88	4.10	0.90	0.30	23.81	08/11/2017	17:40
5	I4727-01MS	250	1	5.03	50	5.00	0.00	2.00	2.00	3.00	2.40	190.85	08/11/2017	17:44
6	I4727-01MSD	250	1	5.03	50	5.00	2.00	3.98	1.98	3.02	2.42	192.45	08/11/2017	17:47
7	I4730-01		1	5.04	50	5.00	3.98	7.86	3.88	1.12	0.52	41.27	08/11/2017	17:50

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