

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90329

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	PB102626BL		1	5.02	50	5.00	0.00	4.36	4.36	0.64	0.00	0.00	09/26/2017	15:30
2	PB102626BS	250	1	5.03	50	5.00	0.00	1.84	1.84	3.16	2.52	200.40	09/26/2017	15:34
3	I5388-01		1	5.04	50	5.00	1.84	5.80	3.96	1.04	0.40	31.75	09/26/2017	15:37
4	I5388-01DUP		1	5.03	50	5.00	5.80	9.74	3.94	1.06	0.42	33.40	09/26/2017	15:40
5	I5388-01MS	250	1	5.03	50	5.00	0.00	2.46	2.46	2.54	1.90	151.09	09/26/2017	15:43
6	I5388-01MSD	250	1	5.03	50	5.00	2.46	4.90	2.44	2.56	1.92	152.68	09/26/2017	15:45
7	I5391-01		1	5.04	50	5.00	0.00	3.58	3.58	1.42	0.78	61.90	09/26/2017	15:48
8	I5396-01		1	5.05	50	5.00	3.58	7.50	3.92	1.08	0.44	34.85	09/26/2017	15:50
9	I5396-02		1	5.04	50	5.00	0.00	3.60	3.60	1.40	0.76	60.32	09/26/2017	15:53
10	I5396-03		1	5.03	50	5.00	3.60	7.18	3.58	1.42	0.78	62.03	09/26/2017	15:55
11	I5396-04		1	5.04	50	5.00	0.00	3.84	3.84	1.16	0.52	41.27	09/26/2017	15:58

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