

Analysis Method: 9034

ANALYST: ketankumar

Parameter: Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB90471

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	PB102779BL		1	5.02	50	5.00	0.00	4.42	4.42	0.58	0.00	0.00	09/30/2017	14:32
2	PB102779BS	250	1	5.03	50	5.00	4.42	6.30	1.88	3.12	2.54	201.99	09/30/2017	14:35
3	I5488-01		1	5.04	50	5.00	0.00	4.40	4.40	0.60	0.02	1.59	09/30/2017	14:38
4	I5488-01DUP		1	5.03	50	5.00	4.40	8.78	4.38	0.62	0.04	3.18	09/30/2017	14:42
5	I5488-02	250	1	5.04	50	5.00	0.00	2.10	2.10	2.90	2.32	184.13	09/30/2017	14:45
6	I5488-03	250	1	5.05	50	5.00	2.10	4.22	2.12	2.88	2.30	182.18	09/30/2017	14:48
7	I5488-04		1	5.06	50	5.00	4.22	8.46	4.24	0.76	0.18	14.23	09/30/2017	14:52

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