CHEMTECH

Analytical Summary Report

Analysis Method: SM4500 S EorF

Parameter: Sulfide

Run Number: LB86512

ANALYST: ketankumar

SUPERVISOR REVIEW BY: apatel

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE,0.025N,4LITRE	W2169
IODINE SOLUTION .025N 1L	W2178
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	PB97696BL		1	50	50	5.00	0.00	4.54	4.54	0.46	0.00	0.00	03/20/2017	14:30
2	PB97696BS	25	1	50	50	5.00	0.00	2.00	2.00	3.00	2.54	20.32	03/20/2017	14:35
3	I2297-01		1	50	50	5.00	0.00	3.84	3.84	1.16	0.70	5.60	03/20/2017	14:40
4	I2297-01DUP		1	50	50	5.00	3.84	7.66	3.82	1.18	0.72	5.76	03/20/2017	14:45
5	I2297-02	25	1	50	50	5.00	0.00	2.44	2.44	2.56	2.10	16.80	03/20/2017	14:50
6	I2297-03	25	1	50	50	5.00	0.00	2.46	2.46	2.54	2.08	16.64	03/20/2017	14:55
7	I2297-04		1	50	50	5.00	0.00	3.86	3.86	1.14	0.68	5.44	03/20/2017	15:02
8	I2297-05		1	50	50	5.00	0.00	3.66	3.66	1.34	0.88	7.04	03/20/2017	15:08
9	I2297-06		1	50	50	5.00	0.00	3.54	3.54	1.46	1.00	8.00	03/20/2017	15:14
10	I2297-08		1	50	50	5.00	0.00	3.44	3.44	1.56	1.10	8.80	03/20/2017	15:20

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