

Analysis Method: 9034

ANALYST: Iwona

Parameter: Sulfide

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127171

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2976
IODINE SOLUTION .025N 1L	W3050
Starch Solution, 4L	W2977

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	PB155396BL		1	50	50	5.00	0.00	4.94	4.94	0.06	0.00	0.00	09/07/2023	15:20
2	PB155396BS	25	1	50	50	5.00	0.00	1.92	1.92	3.08	3.02	24.16	09/07/2023	15:23
3	O4270-01		1	50	50	5.00	0.00	4.20	4.20	0.80	0.74	5.92	09/07/2023	15:26
4	O4270-01DUP		1	50	50	5.00	0.00	4.22	4.22	0.78	0.72	5.76	09/07/2023	15:30
5	O4270-01MS	25	1	50	50	5.00	0.00	1.74	1.74	3.26	3.20	25.60	09/07/2023	15:33
6	O4270-01MSD	25	1	50	50	5.00	0.00	1.76	1.76	3.24	3.18	25.44	09/07/2023	15:36
7	O4272-01		1	50	50	5.00	0.00	4.50	4.50	0.50	0.44	3.52	09/07/2023	15:40
8	O4308-01		1	50	50	5.00	0.00	4.44	4.44	0.56	0.50	4.00	09/07/2023	15:43
9	O4326-01		1	50	50	5.00	0.00	4.42	4.42	0.58	0.52	4.16	09/07/2023	15:46

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