

3.2.3 Stability

3.2.3.1 Freeze- Thaw stability

QC low (150 ng/ml)

The highest accuracy % of mean predicted value was 98.96% at zero hour while the lowest accuracy % was 98.27% obtained at 72 hours (**Table 3.29**).

Table 3.29 Propranolol QC low samples (150 ng/ml) results for freeze-thaw stability test (n=3).

Time (hour)	Propranolol Area	Sildenafil Area	Ratios	Measured Conc.	Mean Measured	Accuracy %	Mean accuracy %
Zero	4786	119515	0.040	150.291	148.441	100.19	98.96
	4943	128620	0.038	145.270		96.85	
	4917	123311	0.040	149.761		99.84	
72.00	4598	113255	0.041	148.827	147.398	99.22	98.27
	4403	113121	0.039	143.606		95.74	
	4720	115408	0.041	149.761		99.84	