

**Table 3.22** CV% values of AUC mean of propranolol and sildenafil (internal standard) in Krebs buffer.

Concentration	Propranolol Area	Sildenafil Area	Mean (Propranolol)	C.V % (Propranolol)	Mean (Sildenafil)	C.V % (Sildenafil)
150 ng/ml QC Low	4501	117975	4315	4.88	117372	0.80
	4086	116289				
	4357	117852				
1500 ng/ml QC Mid	52908	119786	52646	1.56	120085	0.32
	51724	120520				
	53307	119950				
2500 ng/ml QC High	87460	124771	83599	4.06	120330	3.23
	81097	117573				
	82240	118645				

The highest recovery of PRN in Krebs buffer was shown by QC mid of 96.16% while the lowest recovery was obtained by QC high of 93.76% which are considered acceptable recovery ratios of PRN between mobile phase and Krebs buffer as shown in **table 3.23**.

**Table 3.23** Absolute recovery ratios of propranolol in Krebs buffer.

Concentration	AUC mean in Krebs buffer	AUC mean mobile phase	Absolute Recovery
150 ng/ml QC Low	4315	4538	95.09
1500 ng/ml QC Mid	52646	54748	96.16
2500 ng/ml QC High	83599	89162	93.76