Analytical Method and Stability Study for Oral Suspension of Idebenone in Syrspend

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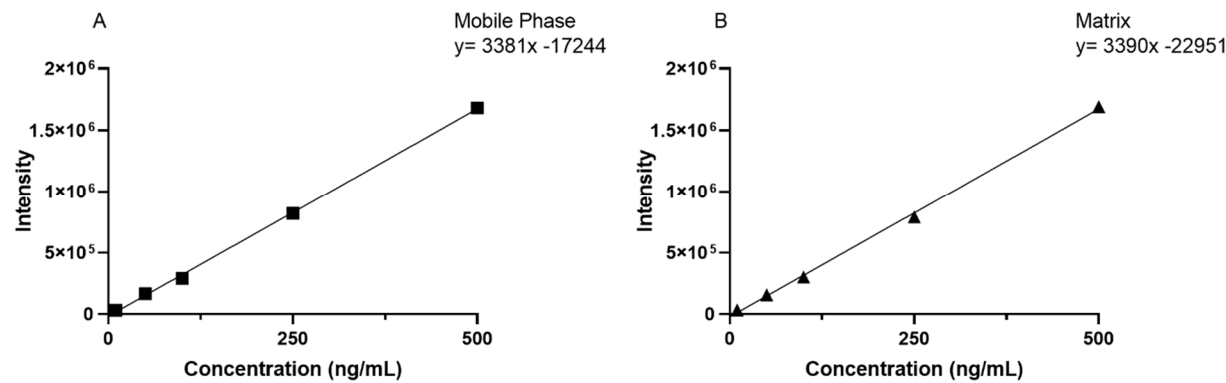
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Table S1. Idebenone mean concentration value expressed as relative percent of recovery after forced degradation.

Stress condition	Duration	IDB concentration (%)
Acid hydrolysis	10 days	100%
Base hydrolysis	24 hours	75.2%
Oxidation	7 days	90.3%
Thermal (50°C)	10 days	100 %
Photolytic	11 days	100 %

Figure S1. Calibration curve in Mobile phase (A) and in matrix (B)

Table S2. Accuracy (bias %) and precision (CV%) intra- (n=3) and inter-day (n=9) repeatability at three concentrations (low, medium, high).

Compound	Intra-day (n=3)						Inter-day (n=9)					
	QClow		QCmedium		QChigh		QClow		QCmedium		QChigh	
	Bias %	CV %	Bias %	CV %	Bias %	CV %	Bias %	CV %	Bias %	CV %	Bias %	CV %
IDB	5,2	4,3	4,5	2,3	4,5	1,7	5,2	2,8	4,2	3,6	4,8	3,8