

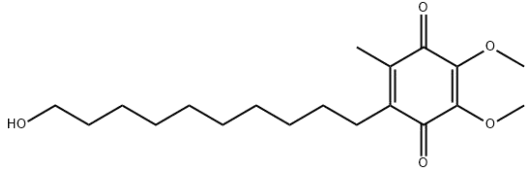


# Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

## CERTIFICATE OF ANALYSIS

Product name	Idebenone	
CAS NO	58186-27-9	
Molecular formul	C19H30O5	
Molecular weight	338.44	
Quantity	20kg	
Batch NO	HHD20220506	
Production date	2022.05.06	
Expiry Date	2024.05.05	
Test based on enterprise standard		
Test Item	Specification	Result
Appearance	An orange yellow or yellow crystalline powder	Conforms
Idernification	IR、UV Conforms	Conforms
Absorption factor	458 -486	471
Meting range	52~ 55℃	53.1~ 53.4℃
Loss on drying	≤0.1%	0.05%
Reidue on ignition	≤0.1%	0.01%
Heavy metals	≤10ppm	Conforms
Related substances	Inpuities≤0.8%	0.23%

Residual solvents	Hexane $\leq 0.029\%$	0.024%
	Methanol $\leq 0.3\%$	ND
	Toluene $\leq 0.089\%$	0.022%
Assay(HPLC)	$\geq 98.5\%$	99.4%

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored.
Conclusion: This product complies with above specification.	

Inspector

Shen Wu

Director

King Yang

