



## CERTIFICATE OF ANALYSIS (COA)

<b>Product name</b>	Avanafil	<b>Batch No.</b>	SEH-20220705
<b>CAS No.</b>	330784-47-9	<b>Specification</b>	In-house
<b>Quantity</b>	150.38kg	<b>Mfg. Date</b>	2022.07.05
<b>Date of Analysis</b>	2022.07.08	<b>Expiry Date</b>	2025.07.04

Test Itemss	Specification	Test Results
Identification	NMR/LC-MS/HPLC/IR	Conforms
Appearance	White Powder	White powder
Melt Point	160 ~ 164	162 ~ 163.5
Sulphated ash	≤0.1%	0.08%
Heavy metals	≤10ppm	8ppm
Loss on drying	≤0.5%	0.3%
Solubility:	soluble in DCM	Conforms
Isomer	≤0.5%	0.05%
Individual impurity max	≤0.5%	0.15%
Total impurities	≤1.0%	0.64%
Assay (HPLC)	97%~103%	99.15%
Conclusion	The test product complies with the requirements of specification.	

<b>Analyst:</b> 	<b>Checker:</b> 	<b>Q. C. Director:</b> 
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