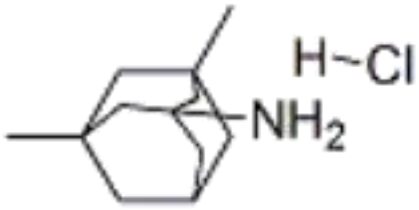
Wuhan HengHeDa Pharm Co., Ltd

Tel:86-27-84888681 Fax:86-27-84888682

Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Menantine Hydrochloride	
CAS NO	41100-52-1	
Molecular formul	C12H22ClN	
Molecular weight	215.76	
Quantity	50kg	
Batch NO	HHD20220515	
Production date	2022.05.15	
Expiry Date	2024.05.14	

Test based on enterprise standard

Test Item	Specification	Result
Appearance	White crystal powder	Conforms
Loss on drying	Less than 1.0%	0.27%
Residual on ignition	Less than 0.1%	0.07%
Heavy metals	Less than 10 ppm	Conforms
Related substance	1,3-Dimethyladamantane≤ 0.15%	0
	3,5-Dimethyladamantane-1-ol≤ 0.15%	0

	1-Chlor0-3,5-dimethyladamantane≤0.15%	0.05%
	1-Bromo-3,5-dimethyladamantane≤0.15%	0.04%
	N-3,5-Dimethyladamantan-1-yl formamide≤0.15%	0
	Unknow impurity≤0.1%	0.05%
	Total impurity≤0.5%	Conforms
Residual solvent	Dichloromethane <0.06%	Conforms
	Acetic ester < 0.5%	Conforms
PH	6.5~7.0	6.8
Assay	98.0-102.0% (GC, calculated on the dried basis)	99.85%

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

WUHAN HENGHEDA PHARM CO., LTD 武汉恒和达生物医药 检验报告专用章 QUALIFIED CONTROL DEPT.