

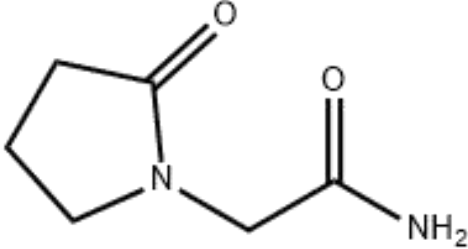


Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Piracetam	
CAS NO	7491-74-9	
Molecular formula	C ₆ H ₁₀ N ₂ O ₂	
Molecular weight	142.16	
Quantity	15KG	
Batch NO	HHD20230108	
Production date	2023.01.08	
Expiry Date	2025.01.07	
Test based on enterprise standard		
Test Item	Specification	Result
Description	A white or almost white powders	Complies
Identification	Complies with the infrared absorptions of RS	Complies
Clarity and color of the solution	Should be clear and colorless	Complies
Loss on drying	Not more than 1.0 %	0.18%
Residue on ignition	Not more than 0.1 %	0.05%
Heavy metal	Not more than 10 ppm	Pass
Related substance	Single impurity: ≤ 0.05 %	0.03%
	Total impurity: ≤ 0.3 %	0.12%
Bacterial endotoxines	NMT 0,029 EU/mg	Complies
Isopropanol	NMT 2000PPm	Complies
Methanol	NMT 1500PPm	Complies
Assay	Containing 98.0~102.0% of C ₆ H ₁₀ N ₂ O ₂	98.8%

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

