



Certificate of Analysis

Product Name:	Phenylpiracetam hydrazide	Batch Number:	Varies
CAS No.	77472-71-0	Manufacture Date:	Varies
Molecular Formula:	C ₁₂ H ₁₄ N ₂ O ₂	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (HPLC)		≥ 99.00%	99.77 - 99.81%
Physical	Identification	The 1H-NMR spectrum corresponds to reference standard	Complies
	Appearance	Off-white to white powder	Complies
	Loss on drying	≤ 1%	0.09 - 0.18%
	Residue of ignition	≤ 0.5%	0.07 - 0.18%
	Water Content	≤ 1%	0.05 - 0.14%
	Melting Point	155°C - 159°C	156°C - 158°C
	Residual Solvent, EtOH (GC)	≤ 0.3%	0.05 - 0.11%

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Three years

