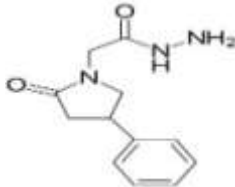




## CERIFICATE OF ANALYSIS

Product Name	Phenylpiracetam hydrazide, 2-Oxo-4-phenylpyrrolidine-1-acetic acid hydrazide,		
Chemical Formula	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>	Molecular Weight	233.27
CAS	77472-71-0	Batch Quantity	35kg
Batch No.	SW210429	Manufacture Date	2021.04.29
Report Date	2021.04.30	Retest Date	2023.04.30

Testing Items	Specifications	Test Results
Appearance	Off-white to white powder	White powder
Identification	The 1H-NMR spectrum corresponds to reference standard	Conforms
Purity (HPLC)	NLT 99.0%	99.85%
Water Content	NMT 1.0%	0.16%
Melting Point	155°C-159°C	156°C-158°C
Residue on ignition	NMT 0.5%	0.07%
Loss on drying	NMT 1.0%	0.21%
Residual Solvent, EtOH(GC)	NMT 0.3%	0.04%
Conclusion	Product Conforms to in-house Specifications	

Quality Assurance Officer

Corrector

Analyst

