



Certificate of Analysis

Product name	Phenylpiracetam Hydrazide	Manufacture date	Sep.15.2021
Batch number	SW210915	Analysis date	Sep.16.2021
Batch quantity	10kg	Expiry date	Sep.15.2023

Test Items	Test Parameters	Test Results
Appearance	White or almost white crystalline powder	Conforms
Solubility	Very slight soluble or practically insoluble in water, sparingly soluble in methanol, slightly soluble in ethanol(96 percent)	Conforms
Melting Point	150°C-153°C	Conforms
Identification	NMR	Conforms
	HPLC	Conforms
Loss On Drying	≤6.0%	4.0%
Water(Hydrate)	≤5.0%	3.2%
Heavy Metals	≤10ppm	Conforms
Residue on Ignition	≤0.1%	<0.07%
Sulphated Ash	≤0.1%	<0.08%
Assay (On dried basis)	98%-102%	99.4%

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst