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CERTIFICATE OF ANALYSIS

Product Name	Phenibut	Batch Number	20190102
Other name	4-Amino-3-phenylbutyric acid HCL	Manufacture Date	Jan 02, 2019
Packing	10kg per drum	Expiry Date	Jan 04, 2020

Test Items	Standards	Results	Test Standard
Appearance	White crystalline powder	Conforms	Organoleptic
Identification	Chemical or IR method	Conforms	IR/HPLC
PH	2.3-2.7	2.61	USP
Loss on drying	≤0.5%	0.26%	USP
Assay	≥99%	99.27%	HPLC
Melting Point	194℃-202℃	198℃-199.5℃	USP
Residue on Ignition	≤0.1%	0.04%	USP
Related substance	≤0.1%	<0.01%	USP
Heavy Metals	≤10ppm	<10ppm	USP
Iron	≤50ppm	<50ppm	USP
Sulfate	≤500ppm	<500ppm	USP
Arsenic	≤2ppm	<2ppm	USP
Lead	≤3ppm	<3ppm	USP
Mercury	≤0.1ppm	<0.1ppm	USP
Cadmium	≤1ppm	<1ppm	USP
Conclusion	Meet the specifications.		

Quality Center of Biochem

