



Xi'an Ebos Biotech Co., Ltd.

Certificate of Analysis

Product Name:	Phenibut	Manufacture Date:	2024-04-20
Batch No.:	EBOS-240420	Test Date:	2024-04-20
Quantity:	1968KG	Expiration Date:	2026-04-19
ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Assay	Phenibut≥99%	99.28%	HPLC
Appearance	White powder	White powder	Visual
Odor	Characteristic	Complies	Organoleptic
Melting point	194℃-202℃	196.5℃-198.6℃	USP
Residue on Ignition	≤0.1%	0.06%	750℃/5hrs
Loss on drying	≤0.5%	0.29%	105℃/3hrs
pH Value	2.3-2.7	2.41	USP
Sulfate	≤0.05%	Complies	USP
Related substances	≤0.5%	0.34%	USP
Heavy Metals	<10ppm	Complies	AAS
Iron	<60ppm	Complies	AAS
Lead	<1ppm	Complies	AAS
Arsenic	<1ppm	Complies	AAS
Cadmium	<1ppm	Complies	AAS
Mercury	<1ppm	Complies	AAS
Total Plate Count	<1000cfu/g	Complies	CP2005
Yeast & Mold	<100cfu/g	Complies	CP2005
E.Coli	Negative	Complies	CP2005
Salmonella	Negative	Complies	Visual
Conclusion	Conform to the specification of the requirement.		
Storage	Store in a cool and dry place, keep away from direct sunlight and heat.		
Shelf Life	Two years if sealed and store away from direct sunlight.		
Tester	01	Checker	06
		Authorizer	05

