

SINCERE CHEMICAL CO., LTD

TEL: +86-188 6575 9396 Email: peterni@sincerechemical.com
No.21 Industrial North Road, Licheng District, Jinan City, Shandong Province, China
<http://www.sincerechemical.com>

Certificate of Analysis- Phenibut (4-Amino-3-phenylbutyric Acid HCL)

Batch Number: SC200806-2

CAS#: 3060-41-1

Batch Quantity: 500kg

Manufacture Date: Aug. 06, 2020

Analysis Date: Aug. 06, 2020

Certificate Date: Aug. 11, 2020

ANALYSIS ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White crystalline fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Melting point	194°C-202°C	196.4°C-198.5°C	USP
Residue on Ignition	≤0.1%	0.05%	750°C/5hrs
Loss on drying	≤0.5%	0.31%	105°C/3hrs
pH Value	2.3-2.7	2.41%	USP
Sulfate	≤0.05%	Complies	USP
Related substances	≤0.5%	0.35%	HPLC
Heavy Metals	<10ppm	Complies	AAS
Iron	<60ppm	Complies	AAS
Lead	<1ppm	Complies	AAS
Arsenic	<1ppm	Complies	AFS
Cadmium	<1ppm	Complies	AAS
Mercury	<1ppm	Complies	AFS
Total Plate Count	<1000cfu/g	90cfu/g	CP2005
Yeast & Mold	<100cfu/g	20cfu/g	CP2005
S. aureus and P.aeruginosa	Negative	Complies	CP2005
E.Coli	Negative	Complies	CP2005
Salmonella	Negative	Complies	CP2005
Assay			
Phenibut	≥99.0%	99.50%	HPLC

Storage Store in cool & dry place, Keep away from strong light and heat.

Shelf life 3 years when properly stored.

Conclusion: Conform with specification

SINCERE-CHEM
Tax ID: 91370112MA3QTLNP2E