

CERTIFICATE OF ANALYSIS

Product Name	Phenibut(beta-phenyl-GABA)	Batch No	PY-PH20190317
Quantity	400KG	Analysis Date	Mar.20,2019
Mfg. Date	Mar.17,2019	Exp. Date	Mar.16,2021
Package	25kg/Drum	Standard	Enterprise Standard

No.	Item	Specification	Result
1.	Appearance	White crystalline powder	Complies
2.	Solubility	Freely soluble in water, soluble in ethyl alcohol, practically insoluble in acetone and ether.	Complies
3.	Identification	Chemical or IR Method	Positive
4.	pH	2.3-2.7	2.63
5.	Melting Point	194℃-202℃	99.33%
6.	Loss on Drying	≤0.5%	0.04%
7.	Residue on Ignition	≤0.1%	0.05%
8.	Iron	≤50ppm	<50ppm
9.	Sulfate	≤500ppm	<500ppm
10.	Related Substances	≤0.5%	0.04%
11.	Heavy Metals	≤10ppm	<10ppm
12.	Pb	≤3ppm	<3ppm
13.	As	≤2ppm	<2ppm
14.	Cd	≤1ppm	<1ppm
15.	Hg	≤0.1ppm	<0.1ppm
16.	Assay	≥99.0%	99.33%
17.	Conclusion	Conform with Enterprise Standard.	

Analyst: xuli

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