



Certificate of analysis

Product name: **Gabapentin**

Cas number: 60142-96-3

Molecular Formula: C₉H₁₇N₂O₂

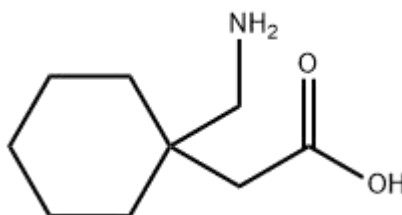
Molecular Weight: 171.24

Date of production: May. 22, 2020

Batch NO: 20200522

Exp Date: May. 21, 2021

Chemical structure:



Items	Specifications	Results
Appearance	White or almost white, crystalline powder	White crystalline powder
Identification	A. IR spectrum should comply with the CRS	Conforms
	B. HPLC-RT should comply with the CRS	Conforms
PH	6.5~8.0	7.10
Water	Not more than 0.5%	0.04%
Residue on ignition	Not more than 0.1%	0.02%
Heavy metals	Not more than 0.002%	Less than 0.002%
Early eluting impurities	Impurity A: not more than 0.1%	0.005%
	Impurity B: not more than 0.06%	N.D
	Impurity E: not more than 0.1%	N.D
	Impurity CDMA: not more than 0.1%	N.D
	Max individual impurity: not more than 0.1%	0.01%
Late eluting impurities	Impurity D: not more than 0.1%	N.D
	Impurity CAI: not more than 0.1%	N.D
	Max individual impurity: not more than 0.1%	0.06%
Total impurity (Early and Late)	not more than 0.5%	0.12%
Assay (Calculated on the anhydrous basis)	98.0%-102.0%	99.5%

Conclusion: It complies with the USP32 Standard.