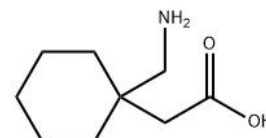


## Technical Data Sheet

### Gabapentin

#### Compound Information

Product Name:	Gabapentin
CAS No.:	60142-96-3
Molecular Formula:	C <sub>9</sub> H <sub>17</sub> NO <sub>2</sub>
Molecular Weight:	171.24
Storage:	Store at 0 -8 °C
Revision Date:	2026-04-15



#### Analytical Information

Tests	Specifications
Appearance	White or off-white crystalline powder
Heavy Metals	≤20 ppm
Water Content (Karl Fisher)	≤ 0.5%
pH	6.5 -8.0
Residual Solvents	Ethanol: ≤ 0.5%
Related Substances	Gabapentin related components A : ≤ 0.1% Gabapentin related components B : ≤ 0.06% Gabapentin related components E : ≤ 0.1% Individual unknown impurity : ≤ 0.1% Any individual impurity : ≤ 0.1% Total impurities : ≤ 0.5%
Residue On Ignition	≤ 0.1%
Assay (anhydrous basis)	98 -102%
Specification Reference	Meets USP specification
Additional Information	Identification : To pass test For Laboratory Use Only
<a href="#">MS</a>	Pass test
<a href="#">1H NMR</a>	Pass test

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