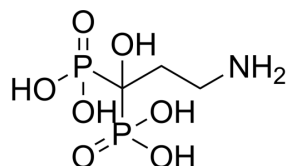


## Certificate of Analysis

<b>Product Name:</b>	Pamidronic acid
<b>Cat. No.:</b>	CS-7787
<b>CAS No.:</b>	40391-99-9
<b>Batch No.:</b>	31369
<b>Chemical Name:</b>	Phosphonic acid, P,P'-(3-amino-1-hydroxypropylidene)bis-

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>3</sub> H <sub>11</sub> NO <sub>7</sub> P <sub>2</sub>
<b>Molecular Weight:</b>	235.07
<b>Storage:</b>	-20°C, protect from light
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>MS:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥98.0%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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