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# Specification

## Technical Data Sheet

<b>Product Name</b>	Alendronate sodium salt trihydrate
<b>Product No</b>	53141945
<b>CAS Number</b>	121268-17-5
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	325.12
	<b>Specification</b>
<b>Assay/Purity</b>	99.54%
<b>Conclusion</b>	Up to the USP31 Standard
<b>Heavy metals</b>	<10ppm
<b>Identification</b>	IR
<b>Chemical Formula</b>	C <sub>4</sub> H <sub>12</sub> NNaO <sub>7</sub> 92.3H <sub>2</sub> O
<b>Loss on Drying</b>	16.73%
<b>Molecular Weight</b>	325.12
<b>Related Substances</b>	<1.0%
<b>Appearance</b>	White/ off white crystalline powder
<b>Phosphate and Phosphite(HPLC)</b>	0.26%