

# 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
-------------------------	--------

### Specification

<b>Appearance</b>	White/ off white crystalline powder
-------------------	-------------------------------------

<b>Molecular Weight</b>	325.12
-------------------------	--------

<b>Assay/Purity</b>	99.54%
---------------------	--------

<b>Chemical Formula</b>	C <sub>4</sub> H <sub>12</sub> NNaO <sub>7</sub> ·3H <sub>2</sub> O
-------------------------	---------------------------------------------------------------------

<b>Conclusion</b>	Up to the USP31 Standard
-------------------	--------------------------

<b>Heavy metals</b>	≤10ppm
---------------------	--------

<b>Identification</b>	IR
-----------------------	----

## Specification

---

**Loss on Drying** 16.73%

---

**Related Substances**  $\leq 1.0\%$

---

**Phosphate and Phosphite(HPLC)** 0.26%

---