

# Certificate of Analysis

## Amoxicillin trihydrate

>98.0%

<b>Product Number</b>	PSR47219	<b>CAS No.</b>	61336-70-7
<b>Brand</b>	PureSynth	<b>Lot No.</b>	A47219CH0525
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S·3H <sub>2</sub> O	<b>Date of Mfg.</b>	May,2025
<b>Molecular Weight</b>	419.45 g/mol	<b>Date of Exp.</b>	April,2028

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance (Color)	White to light yellow to light beige	Light yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Assay	> 98.0 %	98.1 %
Water (By KF)	11.5 - 14.5 %	13.4 %
pH (0.2% aq. Soln.)	3.5 - 5.5	Conforms

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**Remark:**

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

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Head - Technical

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