

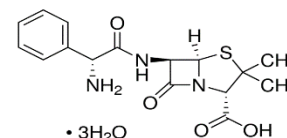


# Product Specification

cdhfinechemical.com

## AMPICILLIN TRIHYDRATE FOR LAB USE

<b>PRODUCT CODE</b>	<b>010065</b>
<b>SYNONYMS</b>	<b>D-(-)<math>\alpha</math> Aminobenzylpenicillin.</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7177-48-2)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>16</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>S.3H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>403.46</b>
<b>PROPERTIES</b>	<b>Store at 2-8°C</b>



### PARAMETER LIMIT

Description	White to off white powder.
Solubility	5% Solution in 1M HCl is clear and colourless to faint yellow.
Minimum assay (anhydrous HPLC)	96-100.5%
Melting range	198 – 200°C

### MAXIMUM LIMIT OF IMPURITY

Moisture content (By KF)	15.0%
--------------------------	-------

**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements:** May be harmful if swallowed. May damage fertility.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell\*

IMDG Code : --

UN No. : --

IATA : --

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace Date 2-June-2023