Tianeptine Sodium

Material code: 5721106
Country of Origin: China
Manufacture Date: 12/31/2017
Retesting Date: 12/10/2020

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Claim</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay</td>
<td>≥98%</td>
<td>99.20%</td>
</tr>
<tr>
<td>Test</td>
<td>Claim</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White to yellow powder, very hygroscopic</td>
<td>Complied</td>
</tr>
<tr>
<td>Solubility</td>
<td>freely soluble in water, insoluble in ethanol</td>
<td>Complied</td>
</tr>
<tr>
<td>Identification</td>
<td>Austral澳洲原产</td>
<td>Complied</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Impurity Test</th>
<th>Claim</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impurity A</td>
<td>≤0.1%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Available</td>
<td>≤0.1%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Diborane</td>
<td>≤0.01%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Wastewater</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Acetone</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Acetone</td>
<td>≤0.001%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Etherol</td>
<td>≤0.5%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>N,N-Dimethylformamide</td>
<td>≤0.0008%</td>
<td>Not Detected</td>
</tr>
<tr>
<td>Water</td>
<td>≤0.5%</td>
<td>1.27%</td>
</tr>
<tr>
<td>Any single impurity</td>
<td>≤0.01%</td>
<td>0.24%</td>
</tr>
<tr>
<td>Total impurities</td>
<td>≤0.004%</td>
<td>0.23%</td>
</tr>
</tbody>
</table>

Conforms to EP7.3 Standard

Tianeptine Sodium is very hygroscopic. Take special care to avoid exposure to moisture. All moisture proof bags are provided. Storage at relative static temperature (5-30°C) and relative humidity (45-65%). Store moisture proof bags at room temperature and dry storage. Tianeptine Sodium has a stable shelf life of 2 years from the date of manufacture when properly stored.

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Tianeptine sodium salt

2. CHEMICAL INFORMATION

CAS No.: 5721106
Molecular Weight: 262.26

3. HAZARDS IDENTIFICATION

Emergency Overview

- Draught hazard
- No known OSHA hazard

- GHS Classification
- Health hazard 3
- Physical hazard 0
- Reactivity hazard 0

- Intended Health Effects
- Inhalation: May be fatal if swallowed. May cause respiratory tract irritation. May be fatal if inhaled through skin. May cause skin irritation.
- Skin: May cause skin irritation.
- Ingestion: May cause internal swelling.

- FIRST AID MEASURES

- Inhalation: Move patient to fresh air. If not breathing give artificial respiration.
- Inhalation: Do not give anything by mouth to an unconscious person. Give water or milk if swallowing.
- Inhalation: Wash eyes with water or milk if swallowing.
5. FIRST AID MEASURES

Medical: 

- If swallowed: 
  - Do not induce vomiting. 
- If in eyes: 
  - Rinse with water for 15 minutes. 
- If on skin: 
  - Wash with soap and water. 

Environmental: 

- Avoid release to the environment. 
- Clean up spill with absorbent material. 
- Dispose of waste in accordance with local regulations.

6. PRECAUTIONS/STORAGE AND DISPOSAL

- Personal Precautions: 
  - Avoid contact with skin. 
- Storage: 
  - Store in a cool, dry place. 
- Disposal: 
  - Dispose of waste in accordance with local regulations.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection: 
  - Use a respirator with N95 or better filter. 
- Eye Protection: 
  - Wear safety glasses. 
- Skin Protection: 
  - Wear gloves and protective clothing. 

8. PHYSICAL AND CHEMICAL PROPERTIES

- pH: 
  - Not available. 
- Melting Point: 
  - Not available. 
- Boiling Point: 
  - Not available. 
- Density: 
  - Not available. 
- Water Solubility: 
  - Not available.

9. STABILITY AND REACTIVITY

- Stable under recommended storage conditions. 
- May react with strong acids. 

10. TOXICOLOGICAL INFORMATION

- Acute Toxicity: 
  - No data available. 
- Inhalation Exposure: 
  - No data available. 
- Skin Contact: 
  - No data available. 
- Eye Contact: 
  - No data available.

11. ECOTOXICITY

- Aquatic Acute: 
  - No data available. 
- Aquatic Chronic: 
  - No data available.

12. REGULATORY INFORMATION

- DOT Classification: 
  - Not dangerous goods. 
- IMDG Classification: 
  - Not dangerous goods. 
- IATA: 
  - Not dangerous goods.

13. OTHER INFORMATION

- The above information is believed to be correct, but does not purport to be complete and should be used only as a guide.