High quality Alpha Lipoic acid 1077-28-7;62-46-4;

Product name:
High quality Alpha Lipoic acid 1077-28-7;62-46-4;
cas no: 1077-28-7 /cas no: 62-46-4
we can offer usp and EP standard, we can offer GMP product

specification as follows:

CERTIFICATE OF ANALYSIS

<table>
<thead>
<tr>
<th>Name</th>
<th>Alpha Lipoic acid</th>
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<tbody>
<tr>
<td>CAS No.</td>
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</tr>
<tr>
<td>Production date</td>
<td>2014.03.18</td>
</tr>
<tr>
<td>Analysis date</td>
<td>2011.03.29</td>
</tr>
<tr>
<td>Batch number</td>
<td>1403009A</td>
</tr>
<tr>
<td>Expiry date</td>
<td>2018.03.18</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Items</th>
<th>Specifications</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow crystalline powder</td>
<td>Complies</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Very slightly soluble</td>
<td>Complies</td>
</tr>
<tr>
<td>Dimethyl-formamide methanol</td>
<td>Very soluble</td>
<td>Complies</td>
</tr>
<tr>
<td>Assay</td>
<td>97%-102.0%</td>
<td>100.2%</td>
</tr>
<tr>
<td>Impurity B</td>
<td>≤1.0%</td>
<td>Complies</td>
</tr>
<tr>
<td>Sulphated ash</td>
<td>≤1.0%</td>
<td>0.07%</td>
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<tr>
<td>Lose on drying</td>
<td>≤0.2%</td>
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Results: The product conforms to the above specifications
Port beijing/shanghai/xingang

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