

## CERTIFICATE OF ANALYSIS

Catalog No.  
**B001N**

Lot No.  
**BI07A-MZ**

### NHS- Biotin

**CAS No.:** 35013-72-0  
**Mol. Formula:** C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S  
**Mol. Weight:** 341.38  
**Melting point:** 210-212 °C  
**Solubility:** DMSO, DMF  
**Assay:** min, 98%  
**Storage:** -20 °C under argon. Hygroscopic. Sensitive to humidity.  
**Expiry Date:** No expire if correctly stored. Recommended test on 2014/07.


| TESTS               | SPECIFICATIONS |
|---------------------|----------------|
| Appearance:         | White solid    |
| Melting point:      | 209-211 °C.    |
| <sup>1</sup> H NMR: | Purity >98%..  |

Approved:



Quality control  
Technician.

Reviewed:



Dr. F. Rodeghiero  
Production Manager

Date:

**31/07/2012**