

CERTIFICATE OF ANALYSIS

NO: DYC081407082

|                  |                      |
|------------------|----------------------|
| Product name     | Eptifibatide acetate |
| CAS Number       | 148031-34-9          |
| Molecular Weight | 831.96               |
| Molecule Formula | C35H49N11O9S2        |
| Batch number     | 20130915             |
| Manuf. Date      | 2013-09-15           |
| Testing Date     | 2013-09-15           |

| Items                                  | Standard  | Result       |
|--|---|--------------|
| Appearance                             | White powder  | Conforms     |
| Solubility                             | Very soluble in water (>1mg/ml)                       | Conforms     |
| Identification by HPLC                 | Retention time is same with the reference substance   | Conforms     |
| Molecular Ion Mass                     | 931.96 ± 1  | Conforms     |
| Specific optical rotation              | -75° ~ -95° (c=1%, HAc)                               | Conforms     |
| Amino acid composition                 | ± 20%   | Conforms     |
| Purity(HPLC)                           | 98.0%min  | 99.1%        |
| Related substances(HPLC)               | Total impurities <2.0%<br>Single impurity <1.0%       | 0.9%<br>0.5% |
| Acetic acid (HPLC)                     | ≤12.0%  | 8.7%         |
| Water content (Karl Fischer)           | ≤6.0%   | 4.6%         |
| Peptide content                        | 80.0% min   | 86.5%        |
| Residual solvents (Acetonitrile)       | ≤0.041%   | Conforms     |
| Bacterial endotoxins                   | ≤5EU/mg   | Conforms     |
| Assay (by Anhydrous, Acetic Acid-free) | 95.0~105.0%   | Conforms     |
| Conclusion                             | This batch of product complies with in-house standard |              |

Hangzhou Dingyan Chem Co., Ltd.  
 QUALITY CONTROL: Xueten Chen  
 Quality Control

CHECK: 姚仙娟

INSPECTOR: 刘清风