

## Analytical Data Sheet

Lot number **1070118**  
not for drug use

Catalog number **A-3305.0005**  
Product number **4016008.0005**  
Product **H- Dab(Boc) - OH**  
Molecular formula **C<sub>9</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>**  
Relative molecular mass **218.25**

| Tests                         | Results  |
|-------------------------------|--|
| Appearance                    | white powder   |
| Appearance of solution        | clear, colorless solution (50 mg/mL in acetic acid 80%)  |
| Identification (TLC)          | complies with authentic material   |
| Specific optical rotation     | $[\alpha]_D^{24} = + 12.5^\circ$ (2% in acetic acid 50%)   |
| Purity (TLC)                  | > 99%  |
| TLC conditions                | chloroform/methanol/acetic acid 32% 5/3/1<br>n-butanol/acetic acid/H <sub>2</sub> O 4/2/2<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis)    | 97.6% (Nth 12.84%, Nfd 12.53%)   |
| Water content (KF volumetric) | 0.6%   |

Latest update: February 15, 2017

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