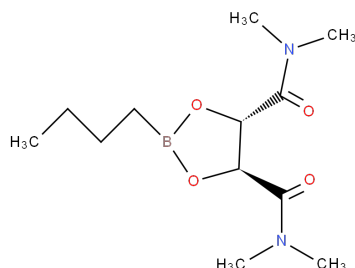




## Certificate of Analysis

### Structure:



|                          |  |
|--------------------------|--|
| <b>Product Number</b>    | BM116  |
| <b>Batch Number</b>      | M01162201  |
| <b>Product Name</b>      | 2-Butyl-1,3,2-dioxaborolane-4S,5S-dicarboxylic acid bis<br>(dimethylamide) |
| <b>CAS Number</b>        | 161344-84-9  |
| <b>Molecular Formula</b> | C <sub>12</sub> H <sub>23</sub> BN <sub>2</sub> O <sub>4</sub>             |
| <b>Molecular Weight</b>  | 270.134 g / mol  |

| ANALYSIS                      | SPECIFICATION                     | RESULTS                       |
|-------------------------------|-----------------------------------|-------------------------------|
| <b>Appearance</b>             | colourless to pale yellow oil     | Colourless oil                |
| <b>GC - Ethyl acetate</b>     | ≥97%                              | 99.77%                        |
| <b>NMR - CDCl<sub>3</sub></b> | ≥97%                              | ≥99%                          |
| <b>Notes</b>                  | <i>Moisture sensitive</i>         |                               |
| <b>Storage Conditions</b>     | <i>Refrigerate under nitrogen</i> |                               |
| <b>Manufactured Date</b>      | 30/06/2022                        | <b>Retest Date</b> 29/06/2025 |

Prepared by:

Junjie Chen

30/06/2022

*Signature*

*Print Name*

*Date*

Checked by:

Mark Russell

30/06/2022

*Signature*

*Print Name*

*Date*

#### UNITED STATES

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