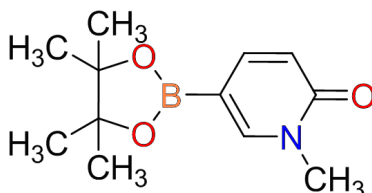




BORON  
MOLECULAR

## Certificate of Analysis

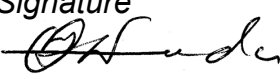
Structure:



**Product Number** BM1095  
**Batch Number** M10951901  
**Product Name** 1-methyl-1H-pyridin-2-one-5-boronic acid, pinacol ester

**CAS Number** 1002309-52-5  
**Molecular Formula** C<sub>12</sub>H<sub>18</sub>BNO<sub>3</sub>  
**Molecular Weight** 235.087 g / mol

| ANALYSIS                      | SPECIFICATION          | RESULTS                      |
|-------------------------------|------------------------|------------------------------|
| <b>Appearance</b>             | Off-white to tan solid | off-white solid              |
| <b>MPt (°C)</b>               | 108-113                |                              |
| <b>GC - Ethyl acetate</b>     | ≥97%                   | 93.3%                        |
| <b>NMR - CDCl<sub>3</sub></b> | ≥97%                   | ≥97%                         |
|                               |                        |                              |
| <b>Notes</b>                  |                        |                              |
| <b>Storage Conditions</b>     | Store ≤ 25°C           |                              |
| <b>Manufactured Date</b>      | 7/11/2019              | <b>Retest Date</b> 5/11/2025 |

|              |                                                                                     |             |           |
|--------------|-------------------------------------------------------------------------------------|-------------|-----------|
| Prepared by: |  | Junjie Chen | 7/11/2019 |
|              | Signature                                                                           | Print Name  | Date      |
| Checked by:  |  | Nurul Quazi | 7/11/2019 |
|              | Signature                                                                           | Print Name  | Date      |

|                                                                                                                                                                                    |                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNITED STATES</b><br>Boron Molecular Inc<br>P.O. Box 12592<br>Research Triangle Park, NC 27709<br>Tel: (919)-981-4441 Fax: (919)-981-4442<br>Email:sales@boronmolecular-usa.com | <b>AUSTRALIA</b><br>Boron Molecular Pty Limited<br>Building 2, 500 Princes Hwy (Manufacture Site)<br>Noble Park, Victoria, 3174<br>Tel: 61-3-8558 8000<br>Email:sales@boronmolecular.com |
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