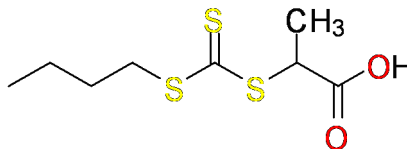




BORON  
MOLECULAR

## Certificate of Analysis

Structure:



**Product Number** BM1640  
**Batch Number** M16402107  
**Product Name** 2-(Butylthiocarbonothioylthio)propanoic acid

**CAS Number** 480436-46-2  
**Molecular Formula** C<sub>8</sub>H<sub>14</sub>O<sub>2</sub>S<sub>3</sub>  
**Molecular Weight** 238.39 g / mol

| ANALYSIS                      | SPECIFICATION                   | RESULTS                       |
|-------------------------------|---------------------------------|-------------------------------|
| <b>Appearance</b>             | Yellow to orange to brown solid | Yellow solid                  |
| <b>MPt (°C)</b>               | 53-59                           | 55-56                         |
| <b>NMR - CDCl<sub>3</sub></b> | ≥95%                            | ≥99%                          |
| <b>UPLC</b>                   | ≥95%                            | =99.5%                        |
| <b>Notes</b>                  |                                 |                               |
| <b>Storage Conditions</b>     | Store ≤ 25°C                    |                               |
| <b>Manufactured Date</b>      | 13/05/2021                      | <b>Retest Date</b> 12/05/2027 |

Prepared by:

Signature

bguszt

Print Name

13/05/2021

Date

Checked by:

Signature

Mark Russell

Print Name

13/05/2021

Date

### UNITED STATES

Boron Molecular Inc  
P.O. Box 12592  
Research Triangle Park, NC 27709  
Tel: (919)-981-4441 Fax: (919)-981-4442  
Email:sales@boronmolecular-usa.com

### AUSTRALIA

Boron Molecular Pty Limited  
Building 2, 500 Princes Hwy (Manufacture Site)  
Noble Park, Victoria, 3174  
Tel: 61-3-8558 8000  
Email:sales@boronmolecular.com