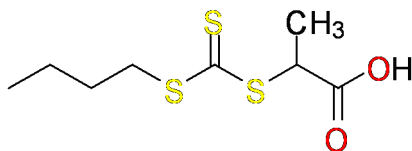




## Certificate of Analysis

Structure:



**Product Number** BM1640  
**Batch Number** M16402105  
**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	54-56
<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>	6/04/2021	<b>Retest Date</b> 6/04/2027

Prepared by:

Signature

Peter Karellas

Print Name

6/04/2021

Date

Checked by:

Signature

jboyle

Print Name

7/04/2021

Date

### UNITED STATES

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