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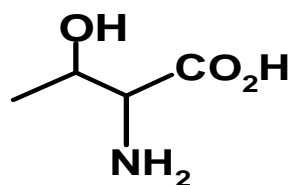
## Product Specifications

### DL-Threonine

CAS 80-68-2

Syn: (2*R*,*S*),(3*S*,*R*)-2-Amino-3-hydroxybutyric Acid; (±)-2-Amino-3-hydroxybutyric acid

Structure:



Mol. Formula  
Source

C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub>  
Synthetic

Mol. Wt.

119.12

| <i>Test</i>               | <i>Specification</i>     |
|---------------------------|--------------------------|
| Identity                  | TLC; IR                  |
| Appearance                | White, microcryst. solid |
| Mp                        | 244-245 °C (dec.)        |
| Assay (titration)         | > 99 %                   |
| LOD                       | < 0.5 %                  |
| Ash (residue on ignition) | < 0.1%                   |
| Heavy metals              | < 10 ppm                 |
| As                        | < 2 ppm                  |

*Storage:* Maintain in cool, dry containment.