

## **D-Alanine**

Art. ID TRC-A480995-100G  
Unit 100 g  
Deliverydetails No Dangerous Good /not restricted

### **Description**

Category: Amines, Amino Acids and Derivatives, Chiral Reagents, Pharmaceuticals, Intermediates and Fine Chemicals /// Application Notes: D-Alanine is an amino acid that is commonly found in bacteria, such as *Streptococcus faecalis*. It is essential for the biosynthesis of peptidoglycan crosslinking sub-units that are used for bacterial cell walls. D-Alanine is also known to cause cytotoxic oxidative stress in brain tumour cells. /// References: Ellsworth, B., et al.: Chem. Biol., 3, 37 (1996)| Ferrari, E. et al.: Nat. Biotech., 3, 1003 (1985)| Stegman, L., et al.: Human Gene Ther., 9, 185 (1998)| Wood, W. & Gunsalus, I.: J. Biol. Chem., 190, 403 (1951)

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|------------|---------------------|------|--------|--------|
|                  | D-Alanine         | [338-69-2] |                     |      |        |        |