

## **L-Aspartic Acid**

**Product Code:** 25109

**CAS:** 56-84-8

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**SKU:** 25109

**Category:** [Substrates](#)

## **PRODUCT DESCRIPTION**

### **SPECIFICATIONS**

**CAS:** 56-84-8

**Assay:** > 99 %

**Mol formula:** C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>

**Mol weight:** 133.11

**Specific rotation (D<sub>20</sub>):** +24.8 - +26.7 °

**Transmittance (430 nm):** > 95 %

**pH (0.5%, H<sub>2</sub>O):** 2.5 - 3.5

**Chlorides (Cl):** ≤ 200 mg/Kg

**Sulphates (SO<sub>4</sub>):** ≤ 300 mg/Kg

**Ammonium (NH<sub>4</sub>):** ≤ 200 mg/Kg

**Iron (Fe):** ≤ 10 mg/Kg

**Heavy metal (as Pb):** ≤ 10 mg/Kg

**Arsenic (As):** ≤ 0.75 mg/Kg

**Loss on drying:** ≤ 0.2 %

**Residue on ignition:** ≤ 0.1 %

**Storage:** Room temperature

**Stability:** At least 2 years.