

Glutamate dehydrogenase from Beef liver, Activity:>10U/mg

Product Code: 181637

EC: 1.4.1.3

SKU: 181637

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 1.4.1.3

L-Glutamate + H₂O + NADP+ 2-Oxoglutarate + NH₃ + NADPH + H⁺

Product name: L-Glutamate:NAD(P)+ oxydoreductase (deaminating)

Appearance: White freeze-dried powder

Activity: > 10 U/mg-solid or more

Contaminants: NH₄⁺ ≤ 1.0×10⁻³ μmol/U LDH ≤ 1.0×10⁻² % MDH ≤ 1.0×10⁻² %

Michaelis constants : 3.2×10⁻³ M (NH₄⁺), 0.7×10⁻³ M (α-Ketoglutarate), 1.8×10⁻³ M (L-Glutamate)

Inhibitors : Heavy metals, PCMB, IAA

Stability : Stable at -20°C for at least one year