

ENZYMES

BY

SORACHIM

Glutamate Dehydrogenase from Bovine liver

GTD-07C

SPECIFICATIONS



Product name:	L-Glutamate:NAD(P) ⁺ oxydoreductase (deaminating)
EC :	1.4.1.3
Appearance:	White freeze-dried powder
Activity:	> 10 U/mg-solid or more
Contaminants:	NH ₄ ⁺ ≤ 1.0×10 ⁻³ μmol/U LDH ≤ 1.0×10 ⁻² % MDH ≤ 1.0×10 ⁻² %
Michaelis constants :	3.2×10 ⁻³ M (NH ₄ ⁺), 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