

EDTA FREE ACID, 1Kg**PG-2230-1KG**

EDTA Free Acid is a versatile chelating agent widely used in analytical chemistry, pharmaceuticals, biotechnology, cosmetics, water treatment, and industrial applications. It effectively binds and sequesters metal ions such as calcium, magnesium, iron, and other trace metals, preventing unwanted metal-catalyzed reactions and improving product stability.

Parameter	Details
Product Name	EDTA Free Acid (Ethylenediaminetetraacetic Acid)
Description	A powerful chelating agent used for binding and sequestering metal ions in laboratory, pharmaceutical, cosmetic, and industrial applications.
Molecular Weight	292.24 g/mol
Appearance	White crystalline powder
Formula	$C_{10}H_{16}N_2O_8$
Solubility	Slightly soluble in water; soluble in alkaline solutions
pH (1% Solution)	2.0 – 3.0
CAS Number	60-00-4
Storage Condition	Store in a cool, dry, 15–30°C well-ventilated area in a tightly closed container. Protect from moisture and contamination.
Applications / Uses	Chelating agent for analytical chemistry, water treatment, pharmaceuticals, cosmetics, detergents, biotechnology, and metal ion sequestration.

Safety

EDTA Free Acid is generally considered a low-hazard chemical when handled properly. It may cause mild irritation to the eyes, skin, and respiratory tract upon exposure to dust. Wear appropriate personal protective equipment (PPE), including safety goggles, gloves, and a laboratory coat. Avoid generating or inhaling dust. In case of contact with eyes or skin, rinse thoroughly with water. If inhaled, move the affected person to fresh air. Store in a tightly closed container away from strong oxidizing agents and incompatible chemicals. Dispose of waste material according to local regulations.