



## JINING GREEN MOUNTAIN CHEMICAL CO.,LTD.

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### Technical Data Sheet

#### Tetrasodium glutamate diacetate

CAS No.: 51981-21-6

Chemical formula:  $C_8H_7NO_8.4Na$ ;

Chemical Name:

Tetrasodium glutamate diacetate;

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate;

L-Glutamic acid, N,N-bis(carboxymethyl)-, sodium salt (1:4);

GLDA is an environmentally friendly chelating agent, biodegradable, phosphorus-free and cyanide-free.

GLDA can replace traditional complexing agents such as organophosphorus, EDTA and NTA within a certain range.

Other metal salts such as GLDA potassium salt can be customized.

#### Features:

1. Form water-soluble complexes with various metal ions in a wide pH range. High solubility in acidic and alkaline solutions.
2. High temperature resistance, long-term high temperature environment can also maintain stable performance.
3. It has the effect of sterilization and antiseptic efficiency, preventing the formulation or process liquid from discoloration and odor. Contains amino acid chelating agent, easier to combine with the cell wall, destroy the bacteria, improve the effect of the use of bactericides.

#### Technical Data:

Items	Standard
Appearance	colorless to light yellow liquid, aqueous solution
Odor	Characteristic
Solubility	Soluble in water
pH-Value at 25°C ( solution)	10.0 to 12.0
Density at 25°C (solution)	1.3 to 1.5

Specifications are subject to change without prior notice.

**Applications:**

Oilfield chemicals, daily chemical washing auxiliaries, textile auxiliaries, industrial cleaning agents, metal surface treatment, textile printing and dyeing auxiliaries, bleaching stabilizers, pulp and paper auxiliaries, descaling and scale inhibitors, water treatment chemicals, agriculture, etc.

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