

Urea 5M and 8M

fon:
+49 (0)731 - 3608 123
fax:
+49 (0)731 - 3608 962
eMail:
info@genaxxon.com
internet:
www.genaxxon.com

Product	Cat#	Package size
Urea 5M (100mL/pouch)	D2035.5005	5 bags
Urea 8M (100mL/pouch)	D2050.8005	5 bags

Product description

Urea (carbamide) is an organic compound with the chemical formula $(\text{NH}_2)_2\text{CO}$ extensively used in proteomics and molecular biology. Genaxxon's Urea is supplied as pre-weighed powder in sealed pouches, giving 100 ml of 5M (30% w/v) or 8M urea.

Product Specifications

Chemicals	Analytical grade
Format	Pre-weighed powder
Concentration	5M and 8M
Volume	100mL
Shelf life	Three years after production date

Applications

- Denaturing proteins
- Protein refolding
- 2D-PAGE
- Sequencing methods.

Product Use

Dissolve the entire content of one pouch in deionized water using a magnetic stirrer and add deionized water to bring the total volume up to 100mL. Once fully dissolved, the solution is ready to use.

Stability

EDTA buffer is shipped at room temperature. Store the tablets and pouches in a dry place at room temperature. Shelf life is three years after production date.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDSs). These are available online as pdf-file or on request (info@genaxxon.com).