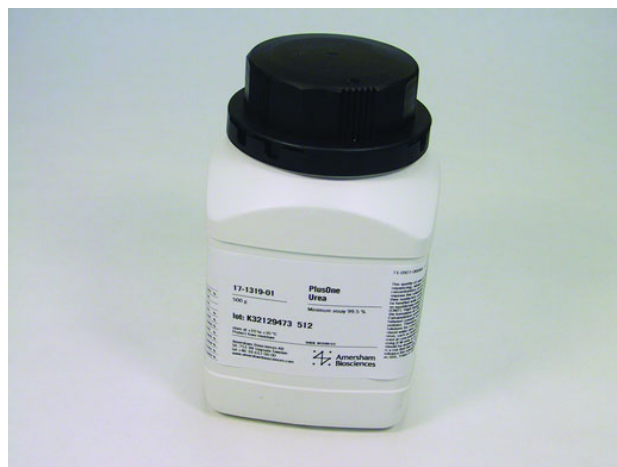


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## Urea



IEF performed under denaturing conditions gives the highest resolution and the cleanest results. Urea solubilizes and unfolds most proteins to their fully random conformation, with all

ionizable groups exposed to solution. Urea is included in the 2-D sample solution at a concentration of at least 8 M.

## Product Specifications ^

Urea



Parameter	Urea
Application	IEF, PAGE, sequencing
Boiling Point	> 132 °C
CAS Number	57-13-6
Color	White
Estimated shelf life from manufacture date	12 month
Guidance	Analytic specification of raw material supplied with the product
Melting/Freezing Point	132°C
Molecular Weight (Mr)	60.06
Physical State	Solid
Solubility	Easily soluble in cold and hot water, soluble in methanol

<b>Parameter</b>	<b>Urea</b>
Storage conditions	Dry at 5 - 30°C
Synonym	B-I-K; Carbamide; Carbamide resin; Carbamimidic Acid; Carbonyl Diamide; Carbonyldiamine; Isourea; NCI-C02119; Prespersion, 75 Urea; Pseudourea; Ureaphil; Ureophil; Urevert; Varioform II
Wetted Part	No
Pack size	500 g