



78168

Urea for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg

Part B1

CAS : 57-13-6

Molecular Formula : CH₄N₂O

Molecular Weight : 60.06

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 8M aq. solution	Clear
Solubility (Colour) 8M aq. solution	Colourless
Assay (ex N)	min. 99.5%
Melting Point	132-135°C
Sulphated Ash	max. 0.01%
Chloride (Cl)	max.0.0005.%
Sulphate (SO ₄)	max.0.001%
Iron (Fe)	max. 0.0001%
Heavy Metals (Pb)	max. 0.0001%
Acidity	max. 0.05ml N%
Absorbance (A) of 6M aq. solution in a 1cm cell v/s H ₂ O	
@260nm	max. 0.06
@280nm	max. 0.06
Biuret (C ₂ H ₅ N ₃ O ₂)	max. 0.05%
DNase, RNase, Protease	Not detected
Suitability for Cell Culture	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05 EU/mg

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Restricted for export from India
HSN Code	
5 Kg	29241900 (GST 18%)
500 Gms	29241900 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

Available Packages

500 Gms

5 Kg

Disclaimer

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