

Specification

Technical Data Sheet

CAS 25322-68-3	STORAGE Ambient	MOLECULAR WEIGHT -
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PRODUCT**Polyethyleneglycol 8000**

Product number	78444399
CAS number	25322-68-3
Molecular formula	H(OCH ₂ CH ₂) _n OH
Molecular weight	- g/mol

PARAMETER	SPECIFICATION
Appearance	Solid
Colour (Pt-Co)	≤25
Dioxane	0-5ppm
Grade	Meet's the pharmacopeia
Heavy metals	≤5mg/kg
Identification	Conforms to reference
Water	≤0.5%
Acid (Based on acetic acid)	≤0.015% by weight,
Additive	≤100mg/kg BHT (E321)
Ethylene glycol, Diethylene glycol	≤0.20% by weight,
Formaldehyde	≤15mg/kg
Hydroxyl value (mgKOH/g)	12.5 - 16
Residual Ethylene Oxide	0-1ppm
Sulphated Ash	≤0.1%
Suspended Matter	Free of suspended matter.
Viscosity @ 99°C	690mm ² /s

PARAMETER	SPECIFICATION
Viscosity at 20°C (50% aq.)	356mm ² /s
Average molecular weight	7000 - 9000
Clarity at 80°C	Free from Haze and Turbidity
pH (5% aq. sol.)	4.5-7.0

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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