



碧云天生物技术/Beyotime Biotechnology
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聚乙二醇(PEG, WT3,350) (BioPlus)

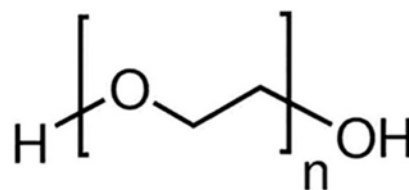
产品编号	产品名称	包装
ST2587-25g	聚乙二醇(PEG, WT3,350) (BioPlus)	25g
ST2587-100g	聚乙二醇(PEG, WT3,350) (BioPlus)	100g
ST2587-500g	聚乙二醇(PEG, WT3,350) (BioPlus)	500g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
25322-68-3	H(OCH ₂ CH ₂) _n OH			BioPlus

➤ 基本信息(General Information):

Name (Chinese)	聚乙二醇(PEG, WT3,350)
Name (English)	Poly(ethylene glycol)
Specifications	BioPlus, average mol wt 3,350, powder
Chemical Formula	H(OCH ₂ CH ₂) _n OH
Synonym (Chinese)	PEG
Synonym (English)	PEG
Beilstein Registry No.	-
EINECS Number	-
MDL Number	MFCD00081839
UNSPSC Code	-



➤ 产品描述(Description):

General Description	聚乙二醇(PEG)是一种亲水性聚合物。它可以通过环氧乙烷的阴离子开环聚合反应而进行合成,产生不同的分子量和端基。当交联成网络时,PEG可具有高含水量,形成“水凝胶”。聚乙二醇(PEG)不会引发免疫反应,是一种理想的生物学应用材料。
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➤ 性质(Properties):

form	粉末
vapor density	>1 (vs air)
vapor pressure	<0.01 mmHg (20°C)
autoignition temp.	581°F
mol wt	average mol wt 3,350
impurities	≤0.01% Phosphorus (P)
impurities	≤0.1% Insoluble matter
solubility	water: soluble (PEG is soluble in water approximately 670 mg/ml, 20 °C)
density	1.0962 g/mL at 60°C
density	1.0764 g/mL at 80°C
anion traces	chloride (Cl ⁻): ≤0.05%
anion traces	sulfate (SO ₄ ²⁻): ≤0.05%
cation traces	Al: ≤0.0005%
cation traces	Ca: ≤0.0005%
cation traces	Cu: ≤0.0005%
cation traces	Fe: ≤0.0005%
cation traces	K: ≤0.005%
cation traces	Mg: ≤0.0005%
cation traces	NH ₄ ⁺ : ≤0.05%
cation traces	Na: ≤0.05%

cation traces	Pb: ≤0.001%
cation traces	Zn: ≤0.0005%

➤ **安全信息(Safety Information):**

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	Eyeshields,, Gloves,, type N95 (US),
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	NONH for all modes of transport
WGK Germany	1
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

包装清单:

产品编号	产品名称	包装
ST2587-25g	聚乙二醇(PEG, WT3,350) (BioPlus)	25g
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ST2587-500g	聚乙二醇(PEG, WT3,350) (BioPlus)	500g
—	说明书	1份

保存条件:

室温保存，三年有效。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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