

Specification

Pluronic® F-68 BioChemica

A1288

Physical Description:	Solid
Product Code:	A1288
Product Name:	Pluronic® F-68 BioChemica
Headline Comment:	®trademark of ICI
Specifications:	Solubility (1 %; H ₂ O): clear pH (5 %; H ₂ O): 5.0 - 8.0
WGK:	1
Storage:	RT
M:	~8400 g/mol
CAS:	9003-11-6
CS:	34021300
Comment	Pluronics are copolymers from ethylene- and propylene oxide. Pluronic F-68 has a molecular weight of 8400 and consists mainly of ethylene oxid (approx. 80 %). It is applied in the culturing of mammalian cells in large batches. It prevents the sticking of air bubbles to cells, which develop during mixing within the fermentor, stabilizes the foam on the surface or improves the resistance of the cell membrane against hydrodynamic shearing.
Bibliography	(1)Ghebeh, H. <i>et al.</i> (1998) <i>Anal. Biochem.</i> 262 , 39-44Measurement of Pluronic F-68 in mammalian cell culture. (2)Hom, L.G. & Volkman, L.E. (1998) <i>Biotechniques</i> 25 , 18-20Prevention of proteolytic artefacts in Baculovirus-expression systems.

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