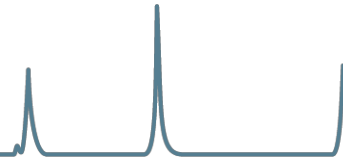


Certificate of Analysis



GENOVIS

Issued April 2018

Product Name	IgGZERO® LE
Product Number	A0 IZ8-020
Product Lot Number	A0IZ8-9D04H
Product Composition	IgGZERO®, endoglycosidase for antibody Fc deglycosylation, as lyophilized powder. Low endotoxin.
Manufacturer	Genovis AB
Storage Temperature	-20°C

TEST	SPECIFICATIONS	RESULTS LOT
Appearance	White to light yellow powder	White powder
Purity by SDS-PAGE	≥ 95% visual estimation	Pass
Enzyme Activity by SDS-PAGE	Deglycosylates ≥ 95% of 100 µg hIgG using 100 u enzyme at 37°C for 30 min.	Pass
Endotoxin level*	<0.2 EU/vial	0.014 EU/vial
Bioburden**	0 cfu/vial	Pass
QC Release Date		2016-05-30
QC Re-test Date		2019-01-14
Expiry Date		April 2021

* According to current EU pharm 2.6.14 metod D at certified laboratory.

**Tested on Dextrose Agar, Fluid Thioglycollate Medium and Blood Agar.

Linda Andersson
VP Production
Genovis AB, Lund, SWEDEN