



Analysenzertifikat
Certificate of Analysis

Collagenase I	Kat. Nr.: / Cat. No.:	C4255
Collagenase I	Lot / Contr. No.:	GE1305

Parameter parameter	Methode method	Spezifikation specification	Ergebnis result
Molekulargewicht Molecular Weight		ca. 60 kDa	entspricht corresponds
Aussehen appearance		braun-beiges Pulver brownish powder	entspricht corresponds
Protein (%) (protein factor %)	Lowry Methode Lowry assay	Ca. 85% approx. 85%	entspricht corresponds
PZ Aktivität (25°C) PZ activity (25°C)			0.28 U/mg
Trypsin-like Aktivität (25°C) Trypsine-like activity (25°C)	In absence of DTT Hydrolysis of 1.0 µmole N-benzoyl-L-arginine ethyl ester at pH 7.6 (25°C).		0.6 U/mg BAEE units
Clostripain (25°C) Clostripain (25°C)	Same conditions as test for trypsin-type proteases but with 2.5 mM DTT.		9.5 U/mg BAEE units
Unspezifische Proteasen Nonspecific Protease	Hydrolysis of dimethylcasein by assaying cleaved peptide bonds by means of trinitrobenzene sulfonic acid (Lin, Y. (1969), J.Biol.Chem. 244 , 389-93		0.1 U/mg DMC units
Natrium sodium (mg/g)	Flammenphotometer flame photometer	0 – 15.0	6.0
Endotoxin (in 1% solution)	LAL Test Limulus Amebocyte Lysate	< 1.0 EU/ml	< 0.05 EU/ml
Herkunft Source		<i>Clostridium histolyticum</i>	entspricht corresponds
Haltbarkeit expiry date			Dez. 2007 Dec. 2007
Lagerung (°C) storage			+ 4°C / -20°C
Lagerung (°C) storage			+ 4°C / -20°C

Safety Data: Nontoxic product. Causes skin irritation on prolonged contact.

Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.
Dieses Dokument entbindet nicht von einer branchenüblichen Eingangskontrolle.
We do not guarantee that the product can be used for a special application.
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Genaxxon BioScience

Datum/date: 10.12.2005

Dr. Norbert Tröndle

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