

NUMBER ONE IMPLAU AGStaldenbachstrasse 30
8808 Pfäffikon SZ

CUSTOMER: KOLAGEN NCN POLSKA SP. Z O.O. UL. ANDRZEJA STRUGA 78 90-557 ŁÓDŹ	COLLAGEN PREMIUM FISH	SPECIFICATION DATE: 10.11.2015 A.100401
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PHYSICO-CHEMICAL CHARACTERISTICS	SPECIFICATION	UNIT
Protein (*)	min 93	%
Average molecular weight (*)	2000	Da
Viscosity (20%, 25°C)	20 - 40	mp
pH	5,6 – 7,0	-
Conductivity (1%, 30°C)	max 1	mS/cm
Moisture	max 7	%
Taste	neutral	-
Odor	neutral	-
Ash (550°C) (*)	max 2	%
SO ₂ (*)	max 10	mg/kg
H ₂ O ₂ (*)	max 10	mg/kg
Arsenic (*)	max 0,8	mg/kg
Cadmium (*)	max 0,5	mg/kg
Chromium (*)	max 10	mg/kg
Copper (*)	max 30	mg/kg
Iron (*)	max 30	mg/kg
Lead (*)	max 5	mg/kg
Mercury (*)	max 0,15	mg/kg
Zinc (*)	max 30	mg/kg
Heavy metals (*)	max 50	mg/kg
Particle size	microgranulated	-
MICROBIOLOGICAL CHARACTERISTICS	SPECIFICATION	UNIT
Total aerobic microbial count	max 1000	in 1 g
E coli	absence	in 10 g
Sulfite-reducing sporulated anaerobic bacteria	max 10	in 1 g
Salmonella	absence	in 25 g
Yeasts and Moulds	max 100	in 1 g

Collagen issued from fish skins.

Quality conform to the requirements of regulation (EC) N° 853/2004, N° 2073/2005, to the "GME standard code bacteriological specification food grade gelatin", to the European Pharmacopeia and to the American Pharmacopeia (USP/NF).

This specification replaces our specification A.100401 of 10 November 2015.

QUALITY MANAGER:

*Adrian Stefan Guggler*
Number One Implau AG
Staldenbachstrasse 30
8808 Pfäffikon SZ
CHE 107.127.381

PREZES: Adrian Stefan Guggler

Adrian Stefan Guggler
Verwaltungsrat
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