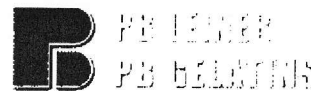


Tessenderlo
Group

Certificate of Analysis



Reference n° 0080054644 Page: 1 of 2

4530146884, 456050

Ship to Nr: 100691
BRENNTAG CR S.R.O.
MEZI UVOZY 1850
193 00 PRAHA 9
CZ

Sold to Nr: 100691
BRENNTAG CR S.R.O.
MEZI UVOZY 1850
193 00 PRAHA 9
CZ

Ref n° 37376
Order No 4530176884
Carrier
Shipment (D) 0000068917

Product 10000950 Mesh 20 MESH
Batch 105470 Quantity 9.000 KG
Inspection Lot 040000211468

Product 10000950

CAS

Acid gelatine 200 220 Bloom 20 Mesh code PBG05
Gelatine for human consumption
Material nr. 454454

Physicochemical results	Method	Specifications	Results
Bloom	AOAC	min. 200 , max. 220	220 g
Viscosity	6,66%, 60°C	min. 2,60 , max. 3,40	3,07 mPa.s
Moisture	105°C, 17 hr	min. 0,0 , max. 12,0	≤ 12,0 %
pH	6,66%, 60°C	min. 4,8 , max. 5,8	5,4
Ash	550°C, 17 hr	min. 0,00 , max. 2,00	≤ 2,00 %
Sulphur Dioxide	Distillation	max. 40	≤ 40 ppm
Peroxide	Merck	Absent	Absent
Heavy Metals	USP	max. 40	≤ 40 ppm
Arsenic	ICP	max. 1,0	≤ 1,0 ppm
Lead	ICP	max. 3,0	≤ 3,0 ppm
Chromium	ICP	max. 10,0	≤ 10,0 ppm
Cadmium	ICP	max. 0,5	≤ 0,5 ppm
Mercury	ICP	min. 0,000 , max. 0,100	≤ 0,100 ppm
Copper	ICP	max. 30,0	≤ 30,0 ppm
Zinc	ICP	max. 50,0	≤ 50,0 ppm
Bacteriological results	Method	Specifications	Results
Total count	USP	max. 1000	< 1000 CFU/g
Escherichia coli	USP	Absent / 10 g	Absent / 10 g
Salmonella	ISO 6579/2002	neg / 5x 25g	neg / 5x 25g
Anaerobic sulphite-reducing bacteria	SPS agar	< 10 / g	< 10 / g

Printed On 10.08.2018

PB GELATINS, Division of TESSENDERLO Group SA/NV
Bedrijvenzone Centrale - Marius Duchèstraat 260, B-1800 Vilvoorde, Belgium
Tel. +32 2 2556211, Fax +32 2 2556219
<http://www.pbgelatins.com>, E-mail: info@pbgelatins.com
VAT-ID-Nr. BE0412101728

Certificate of Analysis

Reference n° 0080054644 Page: 2 of 2

Ship to	Nr: 100691
BRENNTAG CR S.R.O. MEZI UVOZY 1850 193 00 PRAHA 9 CZ	

Sold to	Nr: 100691
BRENNTAG CR S.R.O. MEZI UVOZY 1850 193 00 PRAHA 9 CZ	

Ref n°	37376
Order No	4530176884
Carrier	
Shipment (D)	0000068917

Product	10000950	Mesh	20 MESH
Batch	105470	Quantity	9,000 KG
Inspection Lot	040000211468		

The gelatin complies with the requirements for finished products as described in the Regulations (EC) Nr. 853/2004 and amendments, 2073/2005 and amendments and the "GME Standard Code Bacteriological Specification" for food grade gelatin.

As, Pb, Cr, Cd, Zn, Fe, Cu and Hg: reduced testing frequency by an accredited laboratory in accordance to an internal quality program

Production Date 01.06.2018

Expiration Date 01.06.2023

This certificate is approved by:

SCHOETERS Luc,
MAHIEU Nadia, Lab Services Manager