



SPECIFICATION DATA SHEET

TechnoHYAL HyaPearl

EU INCI name	US INCI NAME	CAS n.	EC n.	*RANGE %
C10-18 TRIGLYCERIDES	C10-18 TRIGLYCERIDES	85665-33-4	288-123-8	≥50 ≤ 75
SODIUM HYALURONATE	SODIUM HYALURONATE	9067-32-7	N.A	≥25 ≤ 50
TRIOLEIN	TRIOLEIN	122-32-7	204-534-7	≥10 ≤ 25
GLYCERYL DIOLEATE	GLYCERYL DIOLEATE	25637-84-7	247-144-2	≤ 5

*The ranges are assigned as per the Guide Lines for the Cosmetic products, following an internal decision.
 These ranges may be different from those reported for the analytical specifications.

ANALYTICAL SPECIFICATIONS			
Parameter	Unit	Requirement	Method
PHYSICAL-CHEMICAL			
Appearance	-	Solid in pearls	IO 07-06A
Colour	-	Off-white	IO 07-06A
Odour	-	Slight characteristic	IO 07-06A
Sodium Hyaluronate Content	%	25 - 35	IO 07-06AV

OTHER DATA NOT SUBJECTED TO ANALYTICAL CERTIFICATION			
Parameter	Unit	Typical result	Method
Acid value	mg KOH/g	≤5	Ph. Eur. 2.5.1
Saponification value	mg KOH/g	120 - 145	Ph. Eur. 2.5.6
Iodine value	gI ₂ /100g	12 - 15	Ph. Eur. 2.5.4 (method A)
Heavy metals	ppm	≤20	Ph. Eur. 2.4.8
Drop point	°C	45 - 55	Ph. Eur. 2.2.17-2

ROELMI HPC srl

Via Celeste Milani, 24/26
 21040 Origgio (VA) Italia
 VAT: IT 09553280968
 REA: VA-361664

T. +39 02 3351 0150
 F. +39 02 3354 9210
 roelmi.hpc@legalmail.it
 Capitale sociale Euro 120.000 i.v.

info@roelmihpc.com
 www.roelmihpc.com





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ADDITIONAL INFORMATION		
The product contains Sodium Hyaluronate with these features:		
Limiting weight	kDa	30 -100
Transparency (0,1% solution)	%	>99
Protein content	%	≤ 0,1

Note: the possible presence of white crystals inside the pearl is due to the normal crystallization process and does not affect the quality of the product.

Storage: keep the product in the original container well closed in fresh and dry place (15°C - 30°C), repaired from humidity, light or heat sources.

Period of best use: 24 months from production date, in sealed original container, if stored as described above.

Roelmi HPC Technical Department

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THE PRESENT DOCUMENT SUBSTITUTES AND CANCELS THE PREVIOUS VERSION.

ROELMI HPC srl

Via Celeste Milani, 24/26 T. +39 02 3351 0150

21040 Origgio (VA) Italia F. +39 02 3354 9210

VAT: IT 09553280968 roelmi.hpc@legalmail.it

REA: VA-361664

Capitale sociale Euro 120.000 i.v.

info@roelmihpc.com

www.roelmihpc.com

