

MATERIAL DECLARATION

Product: PP MOSTEN MB 720

We certify that these products fulfil the requirements of European Pharmacopoeia 9, capture 3.1.3 Polyolefines.

Test results:

Parameter	Value obtained ¹⁾	Requirements of Ph. Eur. 9 ²⁾
FTIR identification	PP	Polypropylene PP
Purity tests		
Appearance of solution S1	clear, colourless	clear, colourless
Acidity or alkalinity	0,17 ml ± 0,04 ml 0,32 ml ± 0,02 ml	max. 1,5 ml of 0,01 mol NaOH/1 l max. 1,0 ml of 0,01 mol HCl/1 l
Absorbance	0,052 ± 0,003	max 0,2 from 220 to 340 nm
Reducing substances	0,20 ml ± 0,01 ml	the difference between two consumptions of 0,01 mol/l of sodium thioluphate max 3,0 ml
Substances soluble in hexane	2,56 % ± 0,19 % w/w	max. 5 % w/w
Extractable aluminium	below 0,15 ppm	max. 1 ppm
Extractable titanium	below 0,05 ppm	max. 1 ppm
Extractable zinc	below 0,05 ppm	max. 1 ppm
Extractable heavy metals	below 2,5 ppm	max. 2,5 ppm
Sulphated ash	0,06 % ± 0,01 % w/w	max. 1,0 % w/w

¹⁾ Value obtained including expanded uncertainty based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%

²⁾ Requirements of European Pharmacopoeia 9th edition, chapter 3.1.3 Polyolefines

QMS of UNIPETROL RPA, s.r.o. has been approved by LRQA according to ISO 9001:2008.

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2018-01-16

Disclaimer:

Ultimately customers must make their own determination that their use of our product is safe, lawful and technically suitable in their intended applications.

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