

Hedjuvan[®]-MG

The Kolb Macrogol Excipients Portfolio for the Pharmaceutical Industry

Multicompendial
Testing

Ointment
Base

Perfect
Solubilisers

Rheology
Modifiers

Lubricants
and Binders
for Tablet
Processing


EXCiPACT
Certified



Macrogols – Polyethylene Glycols

	Hedjuvan-MG300	Hedjuvan-MG400	Hedjuvan-MG600	Hedjuvan-MG1000	Hedjuvan-MG1500	Hedjuvan-MG3350	Hedjuvan-MG4000	Hedjuvan-MG6000
Chemical Description	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol	Polyethylene Glycol
Monograph Name Ph. Eur.	Macrogol 300	Macrogol 400	Macrogol 600	Macrogol 1000	Macrogol 1500	Macrogol 3350	Macrogol 4000	Macrogol 6000
Monograph Name USP	Polyethylene Glycol 300	Polyethylene Glycol 400	Polyethylene Glycol 600	Polyethylene Glycol 1000	Polyethylene Glycol 1500	Polyethylene Glycol 3350	Polyethylene Glycol 4000	Polyethylene Glycol 6000
INCI Nomenclature	PEG-6	PEG-8	PEG-12	PEG-20	PEG-32	PEG-75	PEG-90	PEG-150
Grade	Excipient	Excipient	Excipient	Excipient	Excipient	Excipient	Excipient	Excipient
CAS No.	25322-68-3	25322-68-3	25322-68-3	25322-68-3	25322-68-3	25322-68-3	25322-68-3	25322-68-3
Production Standard	GMP EXCiPACT	GMP EXCiPACT	GMP EXCiPACT	GMP EXCiPACT	ISO 9001:2015 / IPEC GMP	ISO 9001:2015 / IPEC GMP	ISO 9001:2015 / IPEC GMP	ISO 9001:2015 / IPEC GMP
Appearance	Liquid	Liquid	Liquid	Solid	Solid / pastilles	Solid / pastilles	Solid / pastilles	Solid / pastilles
Average Molecular Weight [g/mol]	300*	400*	600*	1000**	1500**	3350**	4000**	6000**
Meets the Specification of the Ph. Eur. Monograph	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Meets the Specification of the USP Monograph	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Ph. Eur. Formaldehyde [ppm]	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15
Ph. Eur. TAMC [CFU/g]	-	≤ 100	-	-	-	≤ 100	≤ 100	-
Ph. Eur. TYMC [CFU/g]	-	≤ 10	-	-	-	≤ 10	≤ 10	-
Ph. Eur. Bacterial Endotoxins [IU/g]	-	≤ 12	-	-	-	≤ 12	≤ 12	-
Packaging	25kg can 200kg drum	25kg can 200kg drum	25kg can 200kg drum	25kg can 200kg drum	25kg bag	25kg bag	25kg bag	25kg bag
Production Site	Switzerland	Switzerland	Switzerland	Switzerland	Switzerland	Switzerland	Switzerland	Switzerland

* +/- 5% ** +/- 10%

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Applicable for Macrogols with a molecular weight from 300 – 1000

