

Kollidon® 90 Evo

Highly Effective Binder With Exceptional Purity

BASF Pharma Solutions



Kollidon® 90 Evo is a Highly Effective Binder with Exceptional Purity

Join the Evolution and Move Towards a Sustainable Future With Us

VALUE PROPOSITION



Outstanding Purity

- Impurity profile significantly improved compared to Kollidon® 90 F
- Tightest 2-pyrrolidone specification
- Analytical methods remain unchanged



Regulatory Compliance, Quality

- Fulfills Pharmacopoeial requirements of PhEur, USP, JP and goes beyond
- Pharma regulatory documentation and submission support
- **Equivalent application properties**



Supply Reliability

- **New packaging: 50kg fiber drum**
- Made out of high-quality fiber certified by FSC®, 100% recyclable
- Peroxide-protective PeroXeal® approach with inert filling
- Same retest period of 36months



BASF Services

- Product details available via **MyProduct World**
- **Regulatory documentation** available in **RegXcellence®**
- Formulation guidance with **ZoomLab™**
- BASF **technical service** support and **equivalency report** available for Kollidon® 90 Evo

→ Kollidon® 90 Evo is available starting November 1, 2023



Kollidon® 90 Evo Has a Significantly Improved Impurity Profile and Narrowed Specification

Specification comparison

Parameter	Pharmacopoeial limit ¹ [max]	Kollidon® 90 F [max]	Kollidon® 90 Evo [max]	
2-pyrrolidone [%]	3.0	3.0	0.50	Tightest 2-pyrrolidone limit
Hydrazine [ppm]	1	1	1.0	Increased transparency: Hydrazine results reported on CoA as values (LOQ: 0.2 ppm)
Aldehydes (ex. as acetaldehyde) [ppm]	500	500	200	
Lead [ppm]	10	10	1	Tightest limits for lead, formic acid and appearance of solution
Formic acid [%]	0.5	0.5	0.3	
1-Vinylpyrrolidin-2-one (NVP) [ppm]	10	10	10	
Appearance of solution	Color not more intensely than reference solution BY6/B6/R6	Color not more intensely than reference solution BY6/B6/R6	Color not more intensely than reference solution BY7/B7/R7	
Sulfated Ash [%]	0.1	0.1	0.05	

- ▶ All other specification parameters remain the same²
- ▶ Analytical methods remain the same

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 1 Ph. Eur. Limit harmonized with USP-NF and JP
 2 Except: deletion of heavy metals test which will be deleted in Povidone monograph of JP18 starting Dec 2023



New 50 kg Fiber Drum With Liner Provides Excellent Product Protection



✓ BASF seal assuring packaging integrity

✓ Removable lid and clip for convenient drum re-closure after opening (all openings are fully closed)



✓ Peroxide protective PeroXeal® approach with inert filling in PE / EVOH / PE liner (sealed)
✓ Retest period of 36 months

✓ FSC® labeled drum, made from high quality fiber and 100% recyclable
✓ Dimensions: 95 cm height, square base 37cm x 37cm for efficient storage

✓ Handle slots in drum, lid and clip to further support safe handling



Kollidon® 90 Evo Globally Available in New 50 kg Squared Fiber Drums

Brand name BASF	Kollidon® 90 Evo
Chemical name	Polyvinylpyrrolidone, PVP, linear polymer of 1-ethenylpyrrolidin-2-one, 1-Vinyl-2-pyrrolidinone polymer, chain polymer of 1-vinyl-2-pyrrolidone
Compendial name	Povidone, Povidonum
CAS number	9003-39-08
Appearance	almost white free-flowing powder
Retest period	36 months
PRD number	30768117
Packaging and article numbers	50 kg squared fiber drum, ART: 50810372
Sample article number	0,5 kg plastic pail, ART: 50712043
Storage and transport	No specific temperature
Manufacturing site	BASF SE Ludwigshafen
Manufacturing process	Synthetic
Regulatory & Quality	<ul style="list-style-type: none">▪ USP-NF, Ph. Eur., JP monographs compliant▪ IPEC-PQG GMP for Excipients
Certified	Kosher and Halal





Experienced BASF Team and Virtual Pharma Assistants Happy to Support You

Quality & Regulatory – all relevant quality documents accessible digitally via **RegXcellence®**

- **Kollidon® 90 Evo** is compliant to Ph. Eur., USP-NF, JP monographs
- **Equivalency report** available
- Halal & Kosher certifications
- GMP statement
- Formulation guidance offered via **ZoomLab™** and product details via **MyProductWorld**



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Global technical service team is ready to support you
Our global footprint of technical service laboratories enables us to swiftly address your formulations needs



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We create chemistry