

WHO Prequalification Programme WHO PUBLIC ASSESSMENT REPORT (WHOPAR)

Tamiflu® 45 mg hard capsules¹

Oseltamivir (as phosphate) 45 mg hard gelatin capsules

Tamiflu 45 mg hard capsules was submitted in 2009 by F. Hoffmann-La Roche Ltd. to be considered for prequalification and subsequently accepted for the WHO list of prequalified products for the treatment and prophylaxis of influenza on 21 September 2009.

Information on the site(s) involved in the manufacture of the product and the APIs is available at the products listing information <https://extranet.who.int/prequal/medicines/in005>

The “Procedure for prequalification of pharmaceutical products²” defines specific evaluation mechanisms for products approved by regulatory authorities, which apply similar stringent standards for quality, safety and efficacy as those required by WHO.

The prequalification of this product by the WHO Prequalification Team: Medicines (PQTm), is based on the approval by the European Medicines Agency (EMA <https://www.ema.europa.eu/en/medicines>) in line with the “Guidelines on submission of documentation for prequalification of finished pharmaceutical products approved by stringent regulatory authorities”³.

Hence, no assessment of the data underlying this approval has been undertaken within the WHO Prequalification Programme.

However, according to the SRA guideline WHO may request additional data when considered necessary for the safe use of the product in regions relevant for prequalified products and such information may be included in the WHOPAR as a separate piece of information. In order to safeguard product quality throughout its entire intended shelf-life in hot and very humid areas, stability studies under the conditions defined for Climatic Zones IVb have been requested from the Applicant⁴.

Based on the submitted stability data WHO PQTm considers the following storage condition appropriate for the product when distributed in regions with zone III, IVa and IVb climatic conditions, based on available stability information:

- Do not store above 30°C.
- The shelf-life at this storage condition is 60 months.

¹ Trade names are not prequalified by WHO. This is the National Medicines Regulatory Authority’s responsibility. Throughout this WHOPAR the proprietary name is given as an example only.

² https://cdn.who.int/media/docs/default-source/medicines/norms-and-standards/guidelines/prequalification/trs961-annex10-who-procedure-prequalification.pdf?sfvrsn=85029f47_2

³ https://cdn.who.int/media/docs/default-source/medicines/norms-and-standards/guidelines/prequalification/trs986-annex5.pdf?sfvrsn=8aae767d_2

⁴ https://extranet.who.int/prequal/sites/default/files/document_files/48%20Stability%20data%20SRA%20FPPs_March2016_newtempl.pdf

Based on the above, the WHOPAR for Tamiflu 45 mg refers for parts 1, 3, 4, 5, 6 and 8 to the previously issued public assessment report as follows:

WHOPAR part		Reference ⁵
Part 1	Summary for the Public	https://www.ema.europa.eu/en/medicines/human/EPAR/tamiflu
Part 3	Package Leaflets	https://www.ema.europa.eu/en/documents/product-information/tamiflu-epar-product-information_en.pdf
Part 4	Summary of Product Characteristics	https://www.ema.europa.eu/en/documents/product-information/tamiflu-epar-product-information_en.pdf
Part 5	Labelling	https://www.ema.europa.eu/en/documents/product-information/tamiflu-epar-product-information_en.pdf
Part 6	Discussion	https://www.ema.europa.eu/en/documents/scientific-discussion/tamiflu-epar-scientific-discussion_en.pdf
Part 8	Steps taken following Authorisation	https://www.ema.europa.eu/en/documents/procedural-steps-after/tamiflu-epar-procedural-steps-taken-and-scientific-information-after-authorisation_en.pdf

Parts 2 and 7 of the WHOPAR for Tamiflu 45 mg are included here.

Tamiflu 45 mg hard capsules contains oseltamivir (as phosphate).

Its WHO recommended use is for the treatment and prevention of influenza.

Summary of Prequalification Status for Tamiflu 45 mg hard capsules

	Initial Acceptance		Requalification		Requalification	
	Date	Outcome	Date	Outcome	Date	Outcome
Status on PQ list	21 September 2009	listed	05 February 2018	listed	16 December 2024	listed
Dossier Evaluation	July 2009	MR	February 2018	requalified	December 2024	requalified
PQ: prequalification MR: meets requirements						

The table represents the status of relevant completed activities only.

⁵<https://www.ema.europa.eu/en/medicines/human/EPAR/tamiflu>
EMA/H/C/000402