

WHO Prequalification Programme / Vector Control Product Assessment

WHO Public Assessment Report: WHOPAR Part 2

Yorkool G3 LN
(Tianjin Yorkool)
021-003

Executive Summary

Summary of prequalification status for Yorkool G3 LN initial acceptance	Date	Outcome
Status on PQ list	April 2023	PQ
Quality, safety, efficacy	March 2023	MR
PQ: prequalification MR: meets requirements		

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1 Introduction

WHO’s Prequalification Unit, Vector Control Product Assessment team (PQT/VCP) assesses vector control products and public health pesticide active ingredients to determine their acceptability and that they can be used safely, effectively and are manufactured to a high-quality standard. This is done by assessing product dossiers, inspecting manufacturing sites, and supporting quality-control testing of products. Products that meet prequalification requirements are added to the WHO list of vector control products.

WHO prequalification of vector control products primarily benefits populations most affected by vector-borne diseases by facilitating access to these prevention focused tools. The vector-borne diseases include malaria, and neglected tropical diseases such as Dengue, Chikungunya, Zika, Chagas, Lymphatic filariasis, Leishmaniasis, Human African trypanosomiasis, Onchocerciasis and Schistosomiasis.

This Executive Summary document conveys that, based on the application and product dossier supporting the product Yorkkool G3 LN manufactured by Tianjin Yorkkool International Trading Co., Ltd (PQ Ref# 021-003), the product has been found to meet the requirements for WHO prequalification.

2 Product identification

Yorkkool G3 LN is a homogeneous ITN (roof and side panels are constructed from the same fabric). The fabric is knitted using 130D polyethylene mono-filament yarns. The active ingredient deltamethrin (CAS No. 52918-63-5) and synergist piperonyl butoxide (PBO) (CAS No. 51-03-6) are incorporated into the yarn during the extrusion process. The nominal concentrations of deltamethrin and PBO are 120 mg/m² (3.0 g/kg) and 440 mg/m² (11.0 g/kg), respectively. The fabric weight is 40 g/m².

The product, Yorkkool G3 LN, is intended to provide personal and community protection from *Anopheles* mosquitoes as part of malaria control programmes.

3 Assessment of quality

Please see current WHOPAR Part 3 Quality Assessment.

Document information

Title	WHOPAR Part 3 Quality Assessment
Current version	V1
Publication date (current version)	October 2023

Revision history

Document version	Date	Identification of changes	Notes
Version 1	October 2023		Current version

4 Assessment of safety

Please see current WHOPAR Part 4 Safety Assessment.

Document information

Title	WHOPAR Part 4 Safety Assessment
Current version	V1
Publication date (current version)	October 2023

Revision history

Document version	Date	Identification of changes	Notes
Version 1	October 2023		Current version

5 Assessment of efficacy

Please see current WHOPAR Part 5 Efficacy Assessment.

Document information

Title	WHOPAR Part 5 Efficacy Assessment
Current version	V1
Publication date (current version)	October 2023

Revision history

Document version	Date	Identification of changes	Notes
Version 1	October 2023		Current version

6 Labelling

The proposed Declaration of Labelling has been reviewed by PQT/VCP and found to be consistent with the supporting information.

7 Post-prequalification commitments

As per the existing WHO Guidelines on the testing of LLINs, the applicant is required to submit results from long-term field trials.

8 Pre-qualification listing decision

The review of the dossier submitted for the product Yorkool G3 has been completed by PQT/VCP. The results of the assessments show the product meets the requirements for prequalification when used according to the directions for use on the label. The product is allowed inclusion on the list of prequalified vector control products.