

WHO Prequalification Programme / Vector Control Product Assessment

WHO Public Assessment Report: WHOPAR Part 2

Yorkool G1 Recycled LN

(Tianjin Yorkool International Trading Co., Ltd)

P-13409

Executive Summary

Summary of Prequalification status for Yorkool G1 Recycled LN initial acceptance	Date	Outcome
Status on PQ list	December 2025	PQ
Quality, safety, efficacy	November 2025	MR
PQ: prequalification MR: meets requirements		

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1 Introduction

WHO's Prequalification Unit, Vector Control Product Assessment (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 Yorkool G1 Recycled LN manufactured by Tianjin Yorkool International Trading Co., Ltd. (WHO Product ID: P-13409) has been found to meet the requirements for WHO prequalification.

2 Product identification

Yorkool G1 Recycled LN is a homogenous ITN constructed from recycled polyester fabric of 100 denier multifilament yarn coated with deltamethrin (CAS No. 52918-63-5) at a nominal concentration of 1.4g AI/kg. The declared fabric weight of 40 g/m². It comes in rectangular and conical constructions.

The product formulation and manufacturing process for Yorkool G1 Recycled LN is the same as the product Yorkool G1 LN (PQ Ref. No P-11664). The only difference between these two ITNs is the use of recycled polyester in Yorkool G1 Recycled LN, therefore, the PQ assessment supported bridging laboratory data and semi-field data between Yorkool G1 LN and Yorkool G1 Recycled LN.

Yorkool G1 Recycled LN is intended to provide personal and community protection from *Anopheline* 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)	December 2025

Revision history

Document version	Date	Identification of changes	Notes
V1	December 2025		Current version

4 Assessment of safety

Please see current WHOPAR Part 4 Safety Assessment.

Document information

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Current version	V1
Publication date (current version)	December 2025

Revision history

Document version	Date	Identification of changes	Notes
V1	December 2025		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)	December 2025

Revision history

Document version	Date	Identification of changes	Notes
V1	December 2025		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 guideline for the prequalification assessment of ITNs, the applicant is required to submit:

1. An updated dossier complying with the implementation plan following the 2023 publication of the WHO guideline for prequalification of ITNs.
2. Community studies conducted in accordance with the available guidance published August 2025 within four years of the date of prequalification.

8 Pre-qualification listing decision

The review of the dossier submitted for the product Yorkool G1 Recycled LN 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.