

WHO Prequalification Programme / Vector Control Product Assessment

# WHO Public Assessment Report: WHOPAR Part 2

Lambda-cyhalothrin 10% WP  
(BR Agrotech Limited)  
P-09306

## Executive Summary

Summary of Prequalification status for Lambda-cyhalothrin 10% WP initial acceptance	Date	Outcome
Status on PQ list	June 2024	PQ
Quality, safety, efficacy	February 2024	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 Lambda-cyhalothrin 10% WP manufactured by BR Agrotech Limited, the product has been found to meet the requirements for WHO prequalification.

## 2 Product identification

Lambda-cyhalothrin 10% WP is formulated as a wettable powder packaged in water-soluble bags containing Lambda-cyhalothrin (CAS No. 91465-08-6; 10%). Lambda-cyhalothrin (CAS No. 91465-08-6) is a synthetic pyrethroid that kills insect vectors primarily through contact/ingestion by disrupting the sodium channel gating mechanism of the nervous system.

BR Agrotech Limited submitted an application and dossier claiming equivalence of the proposed product to the prequalified product Icon WP (PQ Ref# 012-006) manufactured by Syngenta Crop Protection AG.

The product is intended to be used for the control of *Anopheles* mosquitos within malaria control initiatives as an indoor residual spray. This WP product is meant to be sprayed on indoor walls, eaves, and other surfaces on which mosquitoes might land, at a target dosage/rate of 25 mg active ingredient (AI) per square meter.

## 3 Assessment of quality

Please see current WHOPAR Part 3 Quality Assessment.

### Document information

Title	WHOPAR Part 3 Quality Assessment
Current version	V5
Publication date (current version)	June 2024

### Revision history

Document version	Date	Identification of changes	Notes
Version 5	June 2024		Current version

## 4 Assessment of safety

Safety information is not required to be submitted for IRS products claiming equivalence.

## 5 Assessment of efficacy

For IRS products claiming equivalence, efficacy data from semi-field and community studies is not required to be submitted. The assessment of submitted laboratory studies characterizing the residuality of efficacy on treated surfaces by means of bioassays have been included in the assessment of quality.

## 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

There are no additional post-prequalification commitments associated with this decision of prequalification.

## 8 Pre-qualification listing decision

The review of the dossier submitted for the product Lambda-cyhalothrin 10% WP has been completed by PQT/VCP. The results of the assessments show the product meets the claim of equivalency when used according to the directions for use on the label. The product is allowed inclusion on the list of prequalified vector control products.