

CERTIFICATE OF ANALYSIS**Batch:** 24E03-F100924243**Product:** Xanthaangom Excipients 1L**Production date:** 03 MAY 2024**Expiry date:** 03 MAY 2027**Analyzed according to:** HeW Pharma Internal Procedure and Ph. Eur.**Analysis performed on:** 16 MAY 2024 – 07 JUNE 2024**PERFORMED ANALYSIS AND RESULTS**

Analysis	Specification	Result
Characters		
Colorless, viscous liquid	COMPLIES	COMPLIES
Identifications		
Methyl paraben (HPLC)	POSITIVE	POSITIVE
Propyl paraben (HPLC)	POSITIVE	POSITIVE
Other tests		
pH (Ph. Eur. 2.2.3)	4.5 – 7.5	6.2
Assay		
Methyl paraben (HPLC)	1.34 – 1.64 mg/g	1.43 mg/g
Propyl paraben (HPLC)	0.268 – 0.327 mg/g	0.292 mg/g
Microbiology		
TAMC (Ph. Eur. 2.6.12)	NMT 10 ⁴ CFU/mL	< 1000 CFU/mL
TYMC (Ph. Eur. 2.6.12)	NMT 10 ² CFU/mL	< 10 CFU/mL
Bile-tolerant G- bacteria (Ph. Eur. 2.6.13)	NMT 10 ² CFU/mL	< 10 CFU/mL
Exclusion S. aureus (Ph. Eur. 2.6.13)	ABSENT	ABSENT
Exclusion Salmonella (Ph. Eur. 2.6.13)	ABSENT	ABSENT
Exclusion E. coli (Ph. Eur. 2.6.13)	ABSENT	ABSENT

Conclusion:

The batch complies with the specifications of the performed analysis and is thereby released.

BATCH RELEASED BY:

Dr. Apr. Ammar Kurdi
Responsible Pharmacist

**Release date:**

10 JUN 2024