CERTIFICATE OF ANALYSIS

(Certificate No. KMA019004-01)

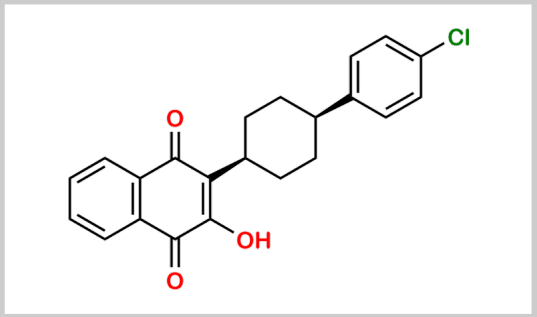
Release Date: 01/01/2025 **Re-test Date:** 31/12/2027

Atovaquone EP Impurity B

Identification

Chemical Name :
2-[cis-4-(4-chlorophenyl)cyclohexyl]-3-hydroxynaphthalene-1,4-dione (as per EP) ; cis-2-[4-(4-Chlorophenyl)cyclohexyl]-3-hydroxy-1,4-naphthoquinone (as per USP)

Alt. Name	: Cis-Atovaquone, Atovaquone USP Related Compound A
CAT No.	: KMA019004
CAS No.	: 137732-39-9
Molecular Formula	: C22H19ClO3
Molecular Weight	: 366.8



Analytical Information

Batch No.	: A019004-091	**Solubility**	: Acetonitrile
Description	: Light Yellow Powder	**Mass**	: Confirm
HPLC Purity	: 99.36 %	**IR**	: Confirm
Weight Loss By TGA	: 0.21 %	**1H NMR**	: Confirm
% Potency	: 99.15 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.21(Weight Loss By TGA)] x [99.36(HPLC Purity)]/100 = 99.15 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/01/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA