

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)

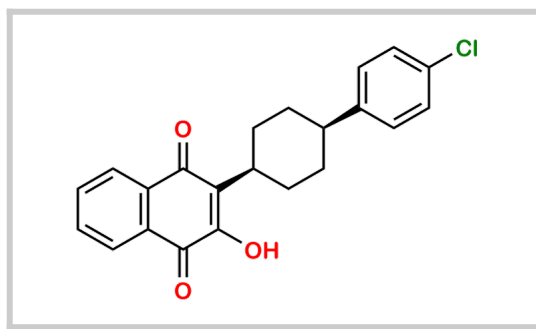
Alt. Name : Cis-Atovaquone, Atovaquone USP
Related Compound A

CAT No. : KMA019004

CAS No. : 137732-39-9

Molecular Formula : C₂₂H₁₉ClO₃

Molecular Weight : 366.8



Analytical Information

Batch No. : A019004-091

Description : Light Yellow Powder

HPLC Purity : 99.36 %

Weight Loss By TGA : 0.21 %

% Potency : 99.15 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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, ¹H NMR, IR and TGA