

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA018015-01)

Release Date: 15/06/2026

Re-test Date: 14/06/2029

## Atenolol EP Impurity G

### Identification

**Chemical Name :**

[4-[(2RS)-2-Hydroxy-3-[(propan-2-yl)amino]propoxy]phenyl]acetic acid (as per EP) ; 2-[4-[2-Hydroxy-3-(isopropylamino)propoxy]phenyl]acetic acid (as per USP)

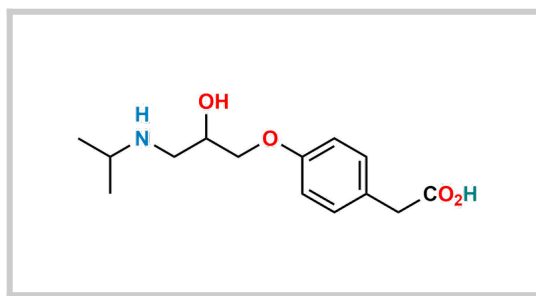
**Alt. Name** : Atenolol USP Related Compound G

**CAT No.** : KMA018015

**CAS No.** : 56392-14-4

**Molecular Formula** : C<sub>14</sub>H<sub>21</sub>NO<sub>4</sub>

**Molecular Weight** : 267.3



### Analytical Information

**Batch No.** : A018015-136-018

**Description** : Off White Solid

**HPLC Purity** : 99.32 %

**Weight Loss By TGA** : 0.30 %

**% Potency** : 99.02 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.30(Weight Loss By TGA)] x [99.32(HPLC Purity)]/100 = 99.02 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		15/06/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		15/06/2026

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