

# CERTIFICATE OF ANALYSIS

(Certificate No. KML005003-01)

Release Date: 20/06/2024

Re-test Date: 19/06/2027

## BCFI STANDARD

### Identification

**Chemical Name :**  
2-butyl-4-chloro-1H-imidazole-5-carbaldehyde

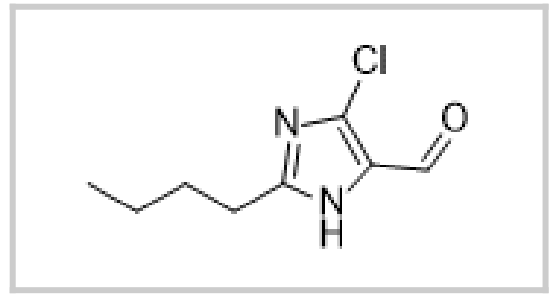
**Alt. Name** : Losartan USP Related Compound A

**CAT No.** : KML005003

**CAS No.** : 83857-96-9

**Molecular Formula** : C<sub>8</sub>H<sub>11</sub>ClN<sub>2</sub>O

**Molecular Weight** : 186.64



### Analytical Information

**Batch No.** : LOS-EP-D-019-217

**Description** : Light Yellow Solid

**HPLC Purity** : 99.96 %

**Weight Loss By TGA** : 1.67 %

**% Potency** : 98.29 %

**Solubility** : Methanol

**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** =  $[100 - 1.67(\text{Weight Loss By TGA})] \times [99.96(\text{HPLC Purity})]/100 = 98.29 \%$

Remarks : Re-tested on 20.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/06/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA