

**Analysis Date:** 08-02-2025

**Re-test Date:** 08-02-2028

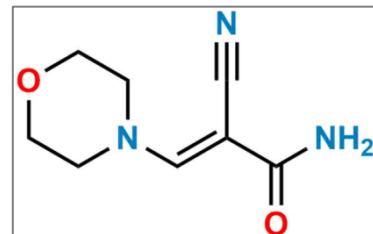
## **ABACAVIR IMPURITY 13**

### **Identification**

**Chemical Name** : 2-Cyano-3-morpholinoacrylamide

**CAT No** : ALL-A06913

**CAS No** : 25229-97-4

**Molecular Formula** : C8H11N3O2

**Molecular Weight** : 181.2

### **Analytical Information**

<b>Batch No</b>	: ALL-A06913	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 97.20 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.635 %	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.175 %		

### **Additional Information**

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =

$$[100 - (0.635+0.175) \times 98.00]/100 = 97.20 \%$$

**Recommendation** : Released

Prepared and Reviewed by	Department	Name	Signature
	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

### **Corporate Office**

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203