

# CERTIFICATE OF ANALYSIS

(Certificate No. KME102003-01)

Release Date: 23/10/2024

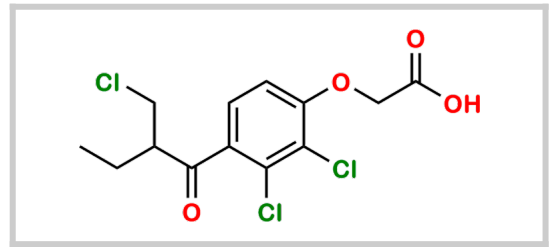
Re-test Date: 22/10/2027

## Ethacrynic Acid Impurity B

### Identification

**Chemical Name :**  
2-(2, 3-Dichloro-4-(2-(chloromethyl)butanoyl)phenoxy)acetic acid

**CAT No.** : KME102003  
**CAS No.** : 27929-18-6  
**Molecular Formula** : C<sub>13</sub>H<sub>13</sub>Cl<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 339.6



### Analytical Information

<b>Batch No.</b>	: E102003-073-415	<b>Solubility</b>	: ACN : Water (1:1)
<b>Description</b>	: White Solid	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 98.05 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.61 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>% Potency</b>	: 96.47 %		

### 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 - 1.61(Weight Loss By TGA)] x [98.05(HPLC Purity)]/100 = 96.47 %  
**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		24/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		24/10/2024

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