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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

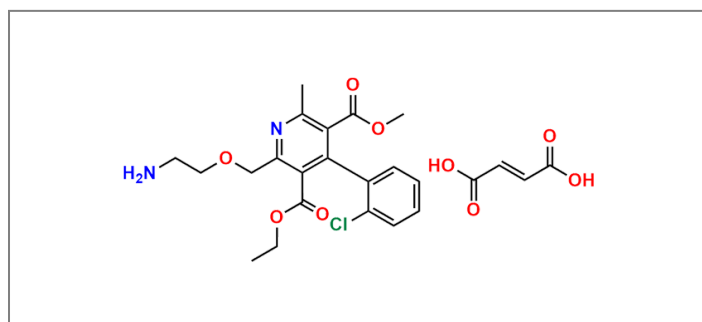
Re-test Date: Oct 2027

**Product Name: Amlodipine EP Impurity D (Fumarate salt)**

### Identification:

Chemical Name: 3-Ethyl 5-methyl 2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methylpyridine-3,5-dicarboxylate Fumarate (as per EP & USP)

Synonyms : Amlodipine USP Related Compound A  
CAS Number : 2138811-33-1  
CAT Number : CP-A5086  
Molecular Formula : C<sub>20</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>5</sub> : C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>  
Molecular Weight : 406.9 : 116.1  
Batch Number : CP-AML-DFU-0124  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.57%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.