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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2023

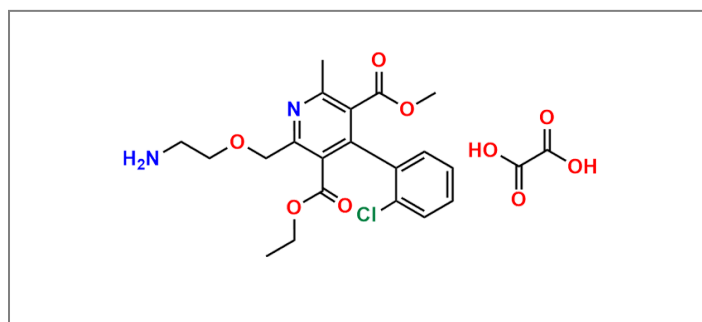
Re-test Date: Oct 2026

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

### Identification:

Chemical Name: 2-[(2-Aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methyl-3,5-pyridinedicarboxylic acid 3-ethyl 5-methyl ester oxalate

Synonyms : NA  
CAS Number : 1216406-90-4  
CAT Number : CP-A5091  
Molecular Formula : C<sub>20</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>5</sub> : C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>  
Molecular Weight : 406.86 : 90.03  
Batch Number : CP-AML-OXD-1123  
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 Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.91%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.936%
9)	Potency by TGA	98.97%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

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