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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

**Product Name: Carbidopa EP Impurity I**

### Identification:

Chemical Name: (2S)-3-(3-Bromo-4,5-dihydroxyphenyl)-2-hydrazino-2-methylpropanoic acid

Synonyms : 3-Bromo Carbidopa ; Carbidopa  
BP Impurity I

CAS Number : 1246819-09-9

CAT Number : CP-C54009

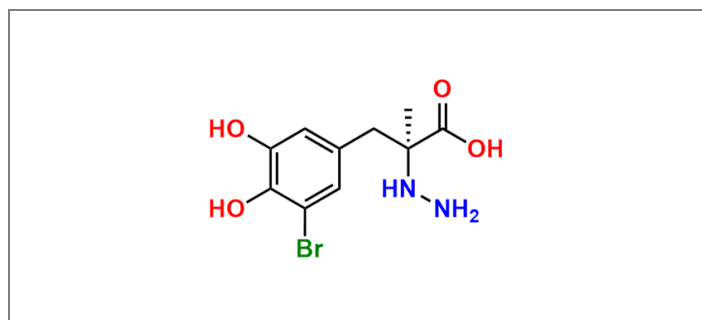
Molecular Formula : C<sub>10</sub>H<sub>13</sub>BrN<sub>2</sub>O<sub>4</sub>

Molecular Weight : 305.13

Batch Number : CP-CAR-I-0526

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.67%
5)	<sup>1</sup> HNMR	Confirm to structure



### Prepared and Reviewed By

Mr. Shubham Bondre  
(Quality Control)

### Approved By

Mr. Abhijit Kale  
(Quality Assurance)

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