



CERTIFICATE OF ANALYSIS

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1. Identification

| | | | |
|---------------------|--|--------------------|---|
| Catalogue Number: | B682065 | CAS Number: | 43197-33-7 |
| Product: | 2-Bromo (S)-Carbidopa | Synonym: | (S)-2-Bromo- α -hydrazino-4,5-dihydroxy- α -methylbenzenepropanoic Acid |
| Structure: | | Molecular Formula: | C ₁₀ H ₁₃ BrN ₂ O ₄ |
| | | Molecular weight: | 305.13 |
| | | Source of Product: | Synthetic |
| | | Solubility: | DMSO (Slightly), Methanol (Slightly) |
| Lot Number: | 8-VAS-160-5 | Purity: | 98% |
| Shipping Condition: | This Product Is Stable To Be Shipped At Room Temperature | Storage Condition: | 4°C |

2. Warning

Warning 1: **Warning 2:** **Warning 3:**

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|---------------------------|--------------------------------|
| Appearance | White to Pale Brown Solid | Pale Beige to Pale Brown Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 39.07, %H: 4.26, %N: 9.19 |
| MS | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 98.85% (205 nm) |
| Specific Rotation | Report Result | -12.9° (c = 0.2, Methanol) |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|------------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 10/19/2021 | 10/17/2025 |
| Evan Burns | | | | |