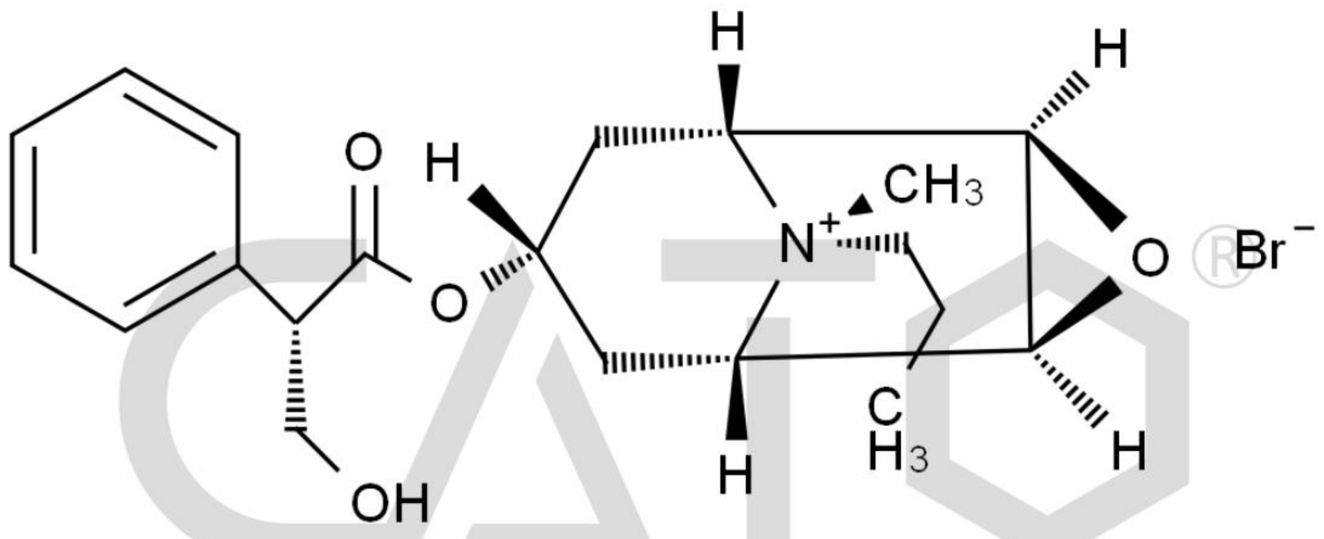
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Hyoscine Butylbromide EP Impurity D Bromide | **Catalogue Number:** | C4X-195813 |
| **Synonyms:** | N/A | **Lot Number:** | 1213-RF-0005 |
| **CAS Number:** | 30269-50-2 | **Expiry Date:** | Sep 23, 2030 |
| **Molecular Formula:** | $C_{20}H_{28}NO_4$ Br | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 346.44 79.90 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&IR&UV&CNMR&HNMR | Confirmed |
| **Purity** | HPLC | 99.0% |
| **Assay** | qNMR | 94.3% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Reviewed by: Approved by General Manager:

Date: Sep 29, 2026 Date: Sep 29, 2026 Date: Sep 29, 2026