



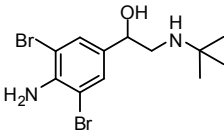
## Certificate of Analysis

**Axon Catalogue ID:** 1157 **Batch Number:** 1

**Product Name:** Bromobutanol

**Alternative Name(s):** N.A.

**IUPAC Name:** 1-(4-Amino-3,5-dibromo-phenyl)-2-tert-butylamino-ethanol

**Structure:**  **Amount:**

**CAS number:** 41937-02-4 **MW:** 366.10

**Batch Molecular Formula:** C<sub>12</sub>H<sub>18</sub>Br<sub>2</sub>N<sub>2</sub>O **Batch MW:** 366.10

**Appearance:** White Solid **Observed mp:** 117.5 - 119.5 °C

**TLC (R<sub>f</sub>):** 0.25 DCM/MeOH (9:1)

**Chemical Purity:** 99.0%

**Optical Purity (ee):**

**<sup>1</sup>H-NMR (300 MHz):** Analytical data confirm chemical structure

**Mass Spec:** Analytical data confirm chemical structure

**Microanalysis:** Not available

**Storage Conditions:** Desiccate at +4°C

**Solubility Data:**

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	36.6	>100 mM	
EtOH	26.5	72.5	

**Remarks:**

**QC Date:** 11-4-2009

The purity of Axon products is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Axon Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**