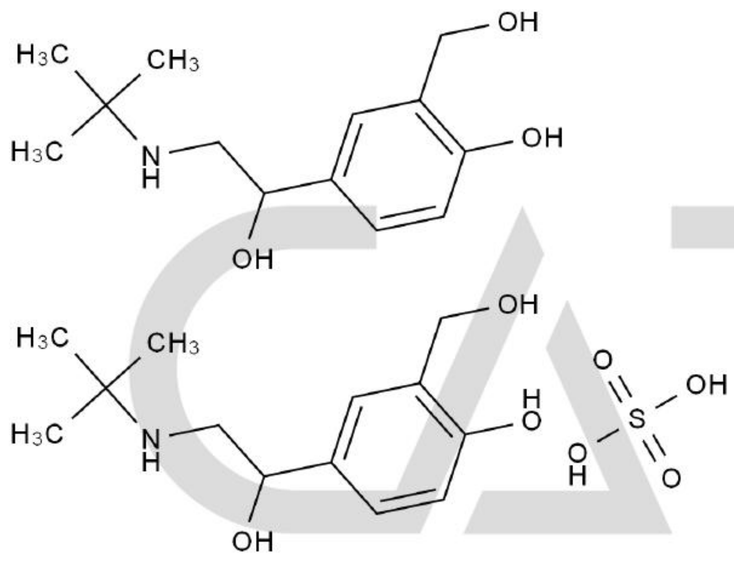
Certificate of Analysis

Reference Material & Standard

Product Name:	Albuterol Sulfate	**Catalogue Number:**	CCAD300405
Synonyms:	N/A	**Lot Number:**	1016-RH-0051
CAS Number:	51022-70-9	**Expiry Date:**	Oct 18, 2030
Molecular Formula:	$2*C_{13}H_{21}NO_3\ H_2O_4S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*239.31 98.08	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Water	**Warning:**	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	99.5%
Uncertainty		±0.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Oct 19, 2026

Reviewed by: Lisa Date: Oct 20, 2026

Approved by General Manager: David Date: Oct 20, 2026

CATO Research Chemicals Inc.