

# CERTIFICATE OF ANALYSIS

## ALBUTEROL SULFATE, USP\*

**Batch/Lot Number:** 60742  
**Manufacturing Date:** 07/31/2006  
**Expiration Date:** 06/30/2011  
**Retest Date:** NOT APPLICABLE

TEST	SPECIFICATION	RESULTS
ASSAY ON ANHYDROUS BASIS	98.5 - 101.0 %	99.47 %
DESCRIPTION	White or practically white powder.	CONFORMS
SOLUBILITY	Freely soluble in water; slightly soluble in alcohol, in chloroform, and in ether.	CONFORMS
IDENTIFICATION A <197K>	IR: Reference to standard spectrum	POSITIVE
IDENTIFICATION B <197U>	UV: Reference to standard spectrum	POSITIVE
IDENTIFICATION C <191>	Responds to the tests for Sulfate	POSITIVE
WATER <921>I	<= 0.5 %	0.1 %
RESIDUE ON IGNITION <281>	<= 0.1 %	0.04 %
CHROMATOGRAPHIC PURITY	<= 0.5 % (Individual impurity) <= 2.0 % (Total impurities)	<0.5 % <2.0 %
ORGANIC VOLATILE IMPURITIES <467>I	Meets the requirements	CONFORMS
**PACKAGING AND STORAGE**	Preserve in well-closed, light-resistant containers.	
PARTICLE SIZE	To be reported	49 % < 2.5 µm 70 % < 10 µm

The above mentioned product conforms to the specifications of USP.

Dated: Tuesday, September 05, 2006