

CERTIFICATE OF ANALYSIS

IPRATROPIUMBROMIDE, BP**

Batch/Lot Number: IPI0607011
Manufacturing Date: 06/30/2007
Expiration Date: 05/31/2012
Retest Date: NOT APPLICABLE

TEST	SPECIFICATION	RESULTS
ASSAY ON ANHYDROUS BASIS	99.0 - 100.5 %	99.5 %
DESCRIPTION	A white or almost white, crystalline powder.	CONFORMS
SOLUBILITY	Soluble in water; freely soluble in methanol; slightly soluble in alcohol.	CONFORMS
IDENTIFICATION A	IR: Reference to standard spectrum.	POSITIVE
IDENTIFICATION B	TLC: Reference to standard chromatogram.	POSITIVE
IDENTIFICATION C	No precipitate is formed	POSITIVE
IDENTIFICATION D	Violet color develops	POSITIVE
IDENTIFICATION E	Responds for test to bromide	POSITIVE
APPEARANCE OF SOLUTION	CLEAR AND NOT MORE INTENSELY COLORED THAN REFERENCE SOLUTION GY7	CONFORMS
pH	5.0 - 7.5	6.80
IMPURITY A	TLC: $\leq 0.1\%$	$< 0.1\%$
RELATED SUBSTANCES	Impurity D: $\leq 0.05\%$	$< 0.03\%$
	Unspecified Impurities: $\leq 0.10\%$	0.03 %
	Total Impurities: $\leq 0.25\%$	$< 0.03\%$

The above mentioned product conforms to the specifications of BP.

Dated: Thursday, July 26, 2007