WISENT BIOPRODUCTS

CERTIFICATE OF ANALYSIS

CIPROFLOXACIN HYDROCHLORIDE, *POWDER*

Catalogue no.: 400-125-**

Lot no.: 400125035

Manufacture date: 10/2018

Expiration date: 10/2023

MSDS: Available upon request

Shipping: Ambient

Storage: Store refrigerate at 2-8°C. Keep dry.

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	White or light-yellow powder		Meet specification
Assay (on the dried basic)	98-102	%	101.4
Water	4.7-6.7	%	6.1
Residue on ignition	≤ 1.0	%	0.05
Heavy Metal	≤ 0.04	%	0.002
Sulfate	≤ 0.04	%	0.03
Fluoroquinolonic	≤0.5	%	0.22
Ciprofloxacin ethylenediamine analog	≤0.2	%	0.07
pH @ 25°C	3.0-4.5		3.8