

CERTIFICATE OF ANALYSIS

Product:	Ethyl Cellulose		
Grade:	N-20	Date of manufacture:	2020-05-03
Grade:	Pharmaceutical	Date of report:	2020-05-04
Lot number:	18-65	Date of expiry	2023-05-02
TEST ITEM	UNIT	SPECIFICATION	TEST RESULT
APPEARANCE		White to light brown powder	White powder.
IDENTIFICATION		Pass	Pass
ETHOXY	WT%	44.0-51.0	47.5
VISCOSITY	mPa.s	18-22	19.7
LOSS ON DRYING	WT%	≤3.0	2.1
RESIDUE ON IGNITION	WT%	≤0.40	0.32
HEAVY METALS	PPM	<20	<20
AS	PPM	<3	<3
CHLORIDES	WT%	<0.1	<0.1
This material meets all requirements of USP32/FCC/JP/NF for the monograph Ethyl Cellulose.			