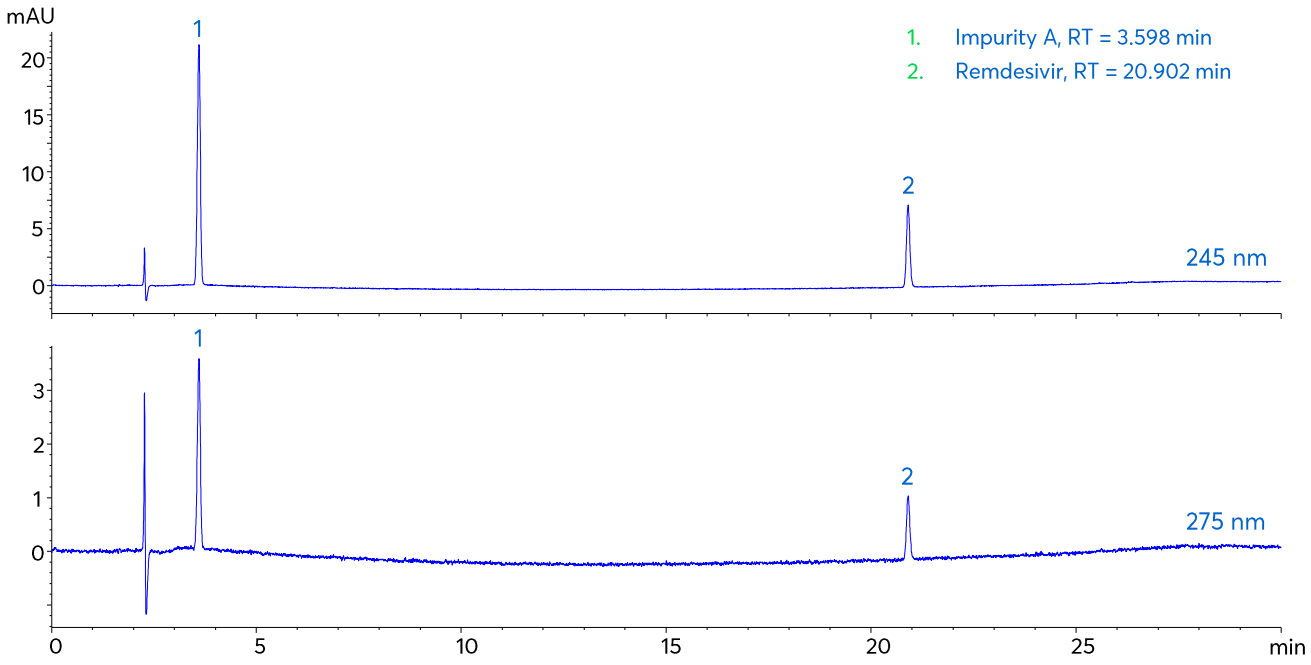
Chromatography Solutions

Application note #7440

IP Method for Analysis of Remdesivir Related Substances



Avantor® ACE®

Method Details

CONDITIONS

Column: Avantor® ACE® 5 C18-PFP

Particle Size: 5 µm

Dimensions: 250 x 4.6 mm

Mobile Phase: A: 1.36 g/L KH_2PO_4 in H_2O

B: MeCN/H_2O (90:10 v/v)

Gradient:

Time (mins)	% B
0	15
25	60
35	60
44	80
48	80
49	15
55	15

Flow Rate: 1.5 mL/min

Injection: 5 µL

Temperature: 40 °C

Detection: UV, 245 & 275 nm

Method: Analysis of Remdesivir and Impurity A according to the Related Substances conditions of the Indian Pharmacopoeia 2018 Addendum 2021.

Always check the latest and official method information from the relevant pharmacopoeia prior to analysis

ORDERING TABLE

Product	Details	Size	Part Number
Avantor® ACE® 5 C18-PFP	HPLC Column	250 x 4.6 mm	ACE-1210-2546
Acetonitrile	VWR CHROMANORM® super gradient grade	2.5 L	83639.320
Water	VWR CHROMANORM® super gradient grade	2.5 L	83650.320
Potassium dihydrogen phosphate	VWR CHROMANORM® for HPLC	500 g	153184U

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