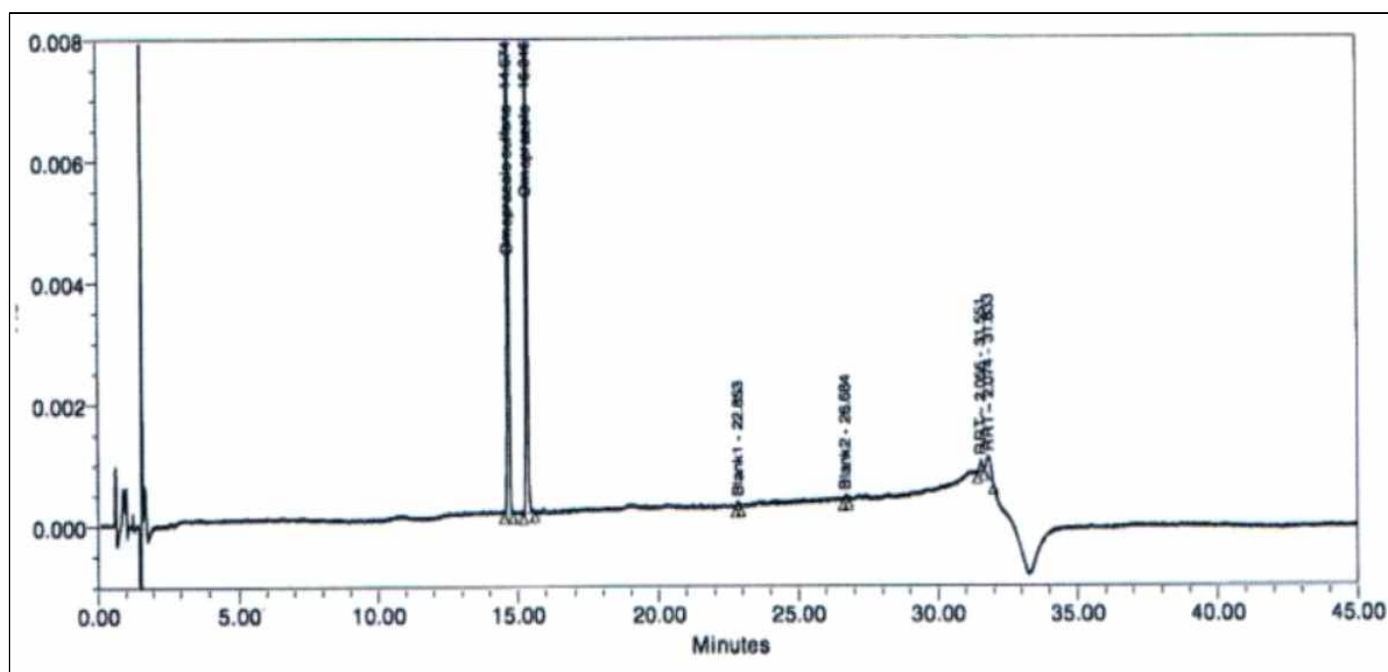


# HPLC DATA SHEET

## Esomeprazole Magnesium Delayed-Release Capsules (USP, Impurity)



1. Omeprazole related compound A    2. Omeprazole

### HPLC condition

Column

INNO Column C18-SB (3um, 4.6mm I.d. × 100mm)

Solution A : Mix 100mL of acetonitrile and 100mL of the Buffer. Dilute with water to 1000mL

Solution B : Mix 800mL of acetonitrile and 10mL of the Buffer. Dilute with water to 1000mL

\*Buffer : Prepare a pH 7.6 phosphate buffer by mixing 5.2mL of 1.0M monobasic sodium phosphate buffer and 63mL of 0.5M dibasic sodium phosphate buffer, and diluting with water to 1000mL

Mobile Phase

<Gradient System>

min	A(%)	B(%)
0	100	0
10	80	20
30	0	100
31	100	0
45	100	0

Flow rate

1.0mL/min

Temperature

-

Detector

UV (302nm)