

# Specification Sheet

SIGMA-ALDRICH

<b>Product Name</b>	Phosphoric acid, suitable for HPLC, LiChropur™, 85%
<b>Product Number</b>	49685
<b>Product Brand</b>	SIAL
<b>CAS Number</b>	<a href="#">7664-38-2</a>
<b>Molecular Weight</b>	98.00

## TEST

### APPEARANCE (COLOR)

Colorless

### APPEARANCE (FORM)

Liquid or Viscous Liquid

### APPEARANCE (TURBIDITY)

Clear

### TITRATION (T) NAOH 1M

85.0 - 90.0 %

### SUITABILITY TEST (HPLC)

CORRESPONDS TO REQUIREMENTS

### DENSITY D20/4

1.680 - 1.720

UV-Absorption Values: 210nm ≤ 0.07

220nm ≤ 0.06

### TEST BY UV SPECTROSCOPY

230nm ≤ 0.05

250nm ≤ 0.04

500nm ≤ 0.02

### UV METHOD

NEAT

### RESIDUE (FILTER TEST)

NO RESIDUE

### FILTERTEST (METHOD)

1:10 DILUTED

### RECOMMENDED RETEST PERIOD

42 MONTHS