



Type in Product Names, Product Numbers, or CAS Numbers to see suggestions.



# Specification Sheet

Product Name	Demeclocycline hydrochloride hydrate VETRANAL <sup>®</sup> , analytical standard
Product Number	46161
Product Brand	SIAL
CAS Number	64-73-3 (anhydrous)
Molecular Weight	501.31 (anhydrous basis)

## TEST

## SPECIFICATION

APPEARANCE (COLOR)	White to Yellow and Faint Beige to Light Beige and Faint Brown to Light Brown
APPEARANCE (FORM)	Powder or Crystals
PURITY (HPLC AREA %)	≥ 90.0 %
SPECIFIC ROTATION (20/D)	-255 ± 10 Degrees
CONCENTRATION	C=0.5 in 0.1N H2SO4
WATER	≤ 3.0 %
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE