

# Specification

## Technical Data Sheet

<b>Product Name</b>	Erythromycin
<b>Product No</b>	28466420
<b>CAS Number</b>	114-07-8
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	733.93
	<b>Specification</b>
<b>Appearance</b>	White crystalline powder
<b>Identification</b>	IR absorption spectrum comparison with USP RS
<b>Specific rotation</b>	-71 &deg; to -78 &deg;
<b>Water</b>	10% max
<b>Any individual related substances</b>	3.0% max
<b>Assay (anhydrous basis)</b>	85.0% - 100.5%

## Specification

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**Crystallinity** Meets the requirements

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**Erythromycin A enol ether** 0.3% max

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**Ethanol** 0.5% max

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**Limit of thiocyanate** 0.3% max

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**N-buty acetate** 0.5% max

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**Propanol** 0.5% max

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**Residue on Ignition** 0.2% max

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**Erythromycin B** 12.0% max

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**Erythromycin C** 5.0% max

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