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Specification Sheet

Product Name: **Erythromycin**
Specifications & Purity: potency: $\geq 850 \mu\text{g}$ per mg
SKU #: **E105345**

Parameter

Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd. on anh. substance})$
Carbon by Elemental Analysis(anhydrous)
Nitrogen by Elemental Analysis (anhydrous)
Water by Karl Fischer
Purity(Nonaqueous Titration)(calcd. on anh. substance)
potency (dry basis)
Appearance (E105345)
Proton NMR spectrum
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml

Limit Values

-78--71 ($^{\circ}$)
59.2-61.8 (%)
1.6-2.2 (%)
0-10 (%)
98-100 (%)
 $\geq 850 (\mu\text{g}/\text{mg})$
White powder
Conforms to Structure
pass

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