

Specification Sheet

Product Name: **Erythromycin**
Specifications & Purity: BioReagent, suitable for cell culture
SKU #: **E431517**

Parameter	Limit Values
Appearance(E431517)	White powder
Infrared spectrum	conforms to structure
Water by Karl Fischer	0-10 (%)
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd. on anh. substance})$	-78--71 (°)
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass
Carbon by Elemental Analysis(anhydrous)	59.2-61.8 (%)
Nitrogen by Elemental Analysis (anhydrous)	1.6-2.2 (%)
potency (dry basis)	≥850 (μg/mg)