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Specification Sheet

Product Name: **Quinine**
Specifications & Purity: for fluorescence, $\geq 98.0\%$
SKU #: **Q105030**

Parameter

Purity(dried material, NT)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$
Melting point
loss on drying, 110 °C
Appearance (Q105030)
Fluorescence, $\lambda_{\text{ex}} 347 \text{ nm}$; $\lambda_{\text{em}} 448 \text{ nm}$ in 0.5 M sulfuric acid
Infrared spectrum
suitability for fluorescence
dihydroquinine(NMR)

Limit Values

97.5-102.5 (%)
-131--121 (°)
173-175 (°C)
0-1 (%)
white to light grey powder
Conforms
Conforms to Structure
pass
0-5 (%)

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