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Specification Sheet

Product Name: **Quinine hydrochloride dihydrate**
Specifications & Purity: 99%,for fluorescenceAnalysis
SKU #: **Q107528**

Parameter

Purity(Neutralization titration)
Sulfate Ash
Appearance (Q107528)
Fluorescence, λ_{ex} 347 nm; λ_{em} 448 nm in 0.5 M sulfuric acid
Infrared spectrum
suitability for fluorescence
Loss on drying(105 °C, 60 Minutes)
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 0.1 \text{ M HCl in calcd.on dried})$

Limit Values

98.5-101.5 (%)
0-0.1 (%)
white powder
Conforms
Conforms to Structure
pass
0-10 (%)
-255~-245 (°)

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