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Specification Sheet

Product Name: **Esculin hydrate**
Specifications & Purity: **98%**
SKU #: **E107333**

Parameter

Purity(Neutralization titration)(calcd.on anh.substance)
Specific Rotation $[\alpha]_{20/D}(c=2.4 \text{ in } 50\% \text{ Dioxane})(\text{calcd.on anh})$
Water by Karl Fischer
Purity(HPLC)
UV/Vis Absorbance(EmM, 335-336nm in EtOH, anhydrous basis)
Appearance (E107333)
Proton NMR spectrum
Solubility in hot H₂O

Limit Values

97.5-102.5 (%)
-88--84 (°)
0-10.5 (%)
98-100 (%)
13-13.5
White to Off-White Powder
Conforms to Structure
almost transparency

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