



SPECIFICATION

Esculin Sesquihydrate

Product Code:	ME10539
Synonyms:	6,7-Dihydroxycoumarine-6-glucopyranoside
CAS Number:	66778-17-4
Chemical Formula:	$C_{15}H_{16}O_9 \cdot 1.5H_2O$
Molecular Weight:	358.30

TECHNICAL SPECIFICATION

Appearance:	white to cream crystalline powder
Assay:	> 98%
Specific optical rotation 2% sol. Esculin anhydrous (wt/v) in 50% dioxane:	-84 to -87°
Melting point:	240°C
Heavy metals:	< 0.004%
Moisture:	6.5 - 8%
Sulfated Ash:	< 0.1%