



Specification

Esculin

CAS Number: 531-75-9
Molecular Formula: C₁₅H₁₆O₉ • xH₂O
Molecular Weight: 340.28
Storage: 15°C - 30°C

Test	Specification
Appearance:	White to Off White Powder
Assay (Dried Basis):	≥ 97.5 %
Heavy Metals :	≤ 20 ppm
Optical Rotation:	-84 - -87 °
Related Substances:	≤ 0.5 %
Residue on Ignition (Sulfated Ash):	≤ 0.1 %
Specific Absorption:	333 - 354 nm
Total Aerobic Plate:	≤ 100 cfu/g
Water (KF):	6.5 - 8.0 %
Yeast and Mold :	≤ 50 cfu/g

Approved:

Date: May 22, 2020

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com