



## LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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### CERTIFICATE OF ANALYSIS

**Product:** AESCULIN 98% (Esculin)

**Cat No:** LA0133

**CAS No:** 66778-17-4

**Batch No:** 475WT

**Date of Manufacture:** JUNE 2025

**Date of Expiry:** DECEMBER 2030

Parameters	Specification	Result
Appearance	Off-white to pale yellow crystalline powder	Complies
Assay (on dry basis)	$\geq 98.0\%$	98.7%
Solubility	Soluble in hot water and ethanol	Passes
Melting Point	205 – 208°C	206.5°C
Identification (TLC/UV/IR)	Complies with reference standard	Passes
Loss on Drying	$\leq 1.0\%$	0.4%
Residue on Ignition	$\leq 0.2\%$	0.05%
Heavy Metals (as Pb)	$\leq 10$ ppm	<5 ppm
pH (1% aqueous solution)	5.0 – 7.0	6.2

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED