

## Certificate of Analysis

Date of Testing: 2023-04-10 18:23:31

Date of Next Testing: 2027-04-09 18:23:31

Product Name: **Escin**

CAS Number: 6805-41-0

Specifications & Purity: 95%

Lot #: C2331303

SKU # **E121095**

**Analysis: 118378**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	3.68 %
Purity (Titration by NaOH)	94.5-105.5 (%)	101.63 %
Purity(HPLC)	95-100 (%)	98.92000 %
Solvent Content As Methanol(GC)	0-0.05 (%)	0.03 %
Solvent Content As Ethanol(GC)	0-2 (%)	1.72 %
Appearance (E121095)	White to Off-White to yellow Powder	white to off-white to yellow powder
LC-MS for identification	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager