

# Specification

## Technical Data Sheet

<b>Product Name</b>	Escin
<b>Product No</b>	89991276
<b>CAS Number</b>	6805-41-0
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	1131.26
	<b>Specification</b>
<b>Appearance</b>	off white to light brown
<b>Density</b>	0.4 - 0.7g/ml
<b>Loss on Drying</b>	≤ 5.0%
<b>Salmonella</b>	Negative
<b>Assay (UV)</b>	≥ 20.0%
<b>Extract solvent</b>	Methanol & water
<b>Residual solvent</b>	conforms to USP requirements

## Specification

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<b>Sieve Analysis</b>	100% pass (80 mesh)
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<b>Total aerobic plate count</b>	$\leq 1000$ cfu/g
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<b>Total Yeast &amp; Mould</b>	$\leq 100$ cfu/g
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<b>Arsenic (As)</b>	$\leq 0.01$ mg/kg
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<b>Chromium (Cr)</b>	$\leq 50$ ppm
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<b>E coli</b>	Negative
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<b>Lead (Pb)</b>	$\leq 30$ ppm
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<b>Mercury (Hg)</b>	$\leq 0.005$ mg/kg
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