

## Product Sales Specifications

Report Id : WH0296

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### Escalol 557

#### Chemical Description:

Octinoxate, Preserved with 0.1% BHT.

#### Specifications:

Appearance @ 25 C - Pale yellow liquid	Pass
Odor - Mild characteristic	Pass
% Purity (incl Isomers, GC, W1174)	>=98.0
% Individual Impurity (GC, W1174)	<=0.5
% Total Impurities (GC, Current USP)	<=2.0
% Assay (HPLC, FTW1717)	>=95.0 - <=105.0
Identification Tests (IR & UV, Current USP) - meets all current USP tests	Pass
Color APHA (W1414)	<=70
Acidity (current USP) <=0.8 ml 0.1 N NaOH; W1275	Pass
Saponification Value (557-1000.1)	>=189.0
Specific Gravity @ 25 C (Current USP) W1279	>=1.005 - <=1.013
Refractive Index @ 20 C (Current USP) W1280	>=1.542 - <=1.548
+ Ames Mutagenicity Test (AMES TEST METHOD) - Pass equals negative	Pass
Absorbance 1%/1cm (310nm in ethanol)	>=835

+ Skip-lot test (1/20) Product testing is performed in accordance with Testing Procedure Escalol 557-1000.

The material meets the requirements for Octinoxate in current US Pharmacopoeia

Mod+Base Code : 401\_50098

Material Codes : 843845

Responsible Manufacturing Plants : Freetown, Switzerland

1/24/2017

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