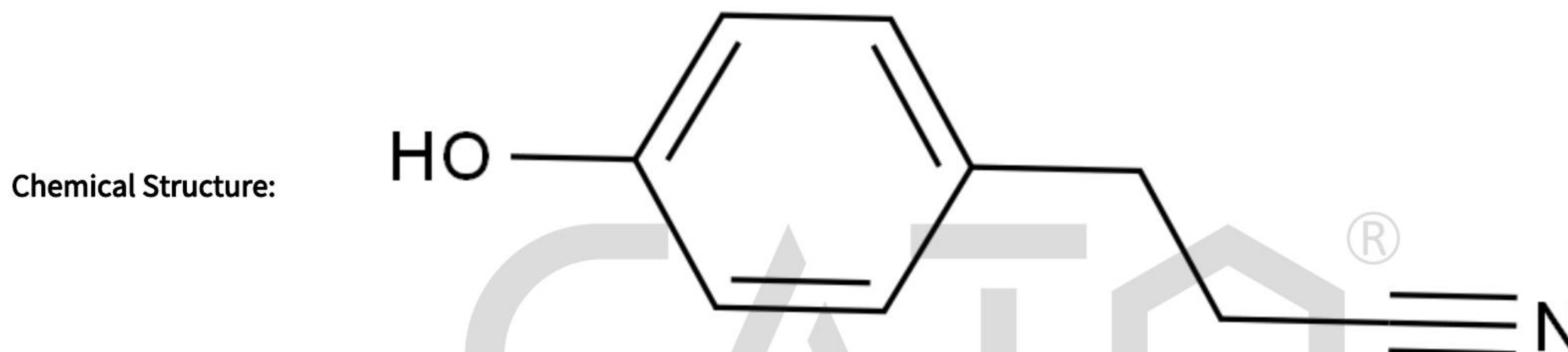


Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Impurity 16	Catalogue Number:	C4X-262116
Synonyms:	N/A	Lot Number:	0330-RH-0166
CAS Number:	17362-17-3	Expiry Date:	Apr 02, 2030
Molecular Formula:	C ₉ H ₉ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	147.17	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.389%
Loss on Drying	TGA	0.1266%
Assay		97.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity GC (\%)} / 100\%$

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 03, 2026

Date: Apr 03, 2026

Date: Apr 03, 2026



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