

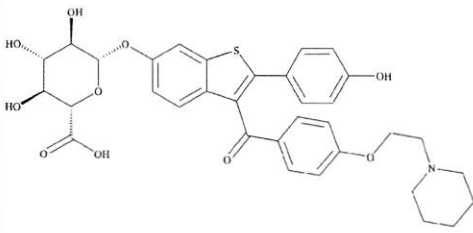


## Certificate of Analysis



Certificate No.: 20241126014

Date: November 26, 2024

Retest date: November 26, 2027

<b>Compound Name:</b>	<b>Raloxifene-6-Glucuronide</b>	
<b>Synonyms:</b>	(2S,3S,4S,5R,6S)-3,4,5-trihydroxy-6-((2-(4-hydroxyphenyl)-3-(4-(2-(piperidin-1-yl)ethoxy)benzoyl)benzo[b]thiophen-6-yl)oxy)tetrahydro-2H-pyran-2-carboxylic acid	
<b>TLC Catalogue Number:</b>	R-013	
<b>CAS Number:</b>	174264-50-7	
<b>Molecular Weight:</b>	649.71	
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>35</sub> NO <sub>10</sub> S	
<b>Source:</b>	TLC Pharmaceutical Standards	
<b>Source Lot No.:</b>	1038-058A1	
<b>Storage Conditions:</b>	Store at -20 °C	
<b>Solubility:</b>	DMSO, Alkaline solution	

Test Description	Specifications	Results
<b>Visual Description</b>	Pale yellow solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 90.0%	<b>96.3%</b>
<b>Impurity (HPLC)</b>	RT 12.07, 0.31%; RT 12.39, 0.22%; RT 13.10, 1.76%	
<b>Residual Solvents (NMR)</b>	0.2% acetic acid and 0.5% isopropanol	
<b>Assay (qNMR)</b>	Not less than 80.0%	<b>81.2%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		11/27/2024
Approved by:	Quality Assurance		11/27/2024

Attachments: HPLC, IR, MS and NMR spectra.