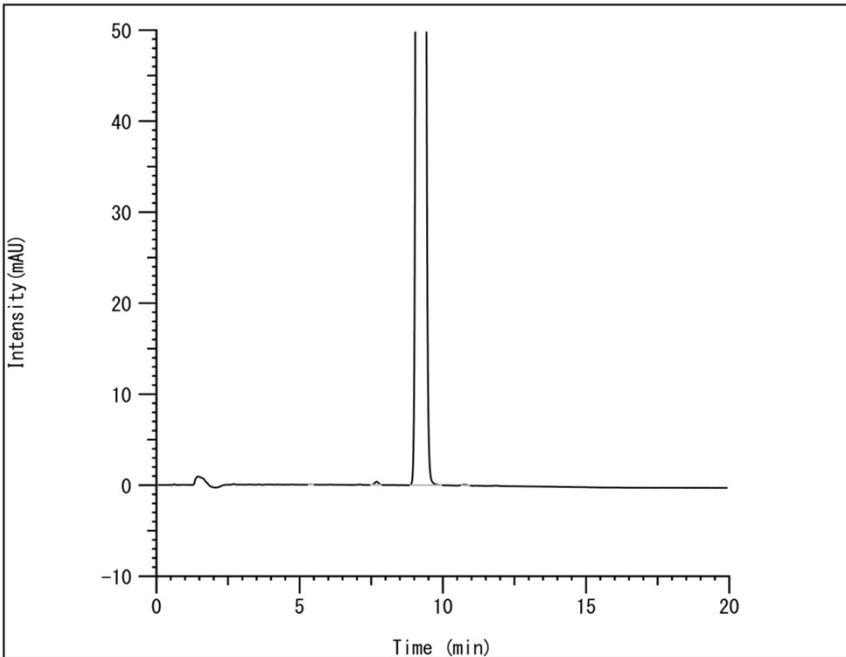


Certificate of Analysis

Product No.	42	Product Name	Resibufogenin										
Lot. No.		422411	Unit Quantity	20mg									
Analysis Date		2024-12-06	Storage Conditions	Refrigerate (≤10° C)									
<chem>CC12CCC3C(C1)C(=C(C=C3)OC(=O)C=C4C=CC(=O)O4)C5C(C2)OC6C(C(C5)O)CC6</chem> C₂₄H₃₂O₄ MW : 384.51 CAS RN: 465-39-4													
This product conforms to the specifications in the 19th edition of the Japanese Pharmacopoeia , Reagents, Test Solutions, " Resibufogenin for assay" and "Resibufogenin for thin-layer chromatography".													
Content (Not less than 98.0%)			Passed (100.0%)										
 <table><tr><th>Retention time</th><th>Peak area</th><th>%</th></tr><tr><td>9.22</td><td>12001591</td><td>100.00</td></tr><tr><td>Total</td><td>12001591</td><td>100.00</td></tr></table>					Retention time	Peak area	%	9.22	12001591	100.00	Total	12001591	100.00
Retention time	Peak area	%											
9.22	12001591	100.00											
Total	12001591	100.00											
assay (HPLC)		Detector : An ultraviolet absorption photometer (300nm) Column : YMC-Pack ODS-AL (ϕ 4.6 × 250mm) Column temperature : A constant temperature of about 40°C. Mobile phase : A mixture of water and acetonitrile(1 : 1).											

		Flow rate : Adjust so that the retention time of resibufogenin is about 9 minutes.
		Time span of measurement : About twice as long as the retention time of resibufogenin, beginning after the peak of solvent.
Description		Passed
Absorbance $E_{1\text{cm}}^{1\%}$ (300nm) : 131~145		Passed (144)
Purity Related substances (TLC)		Passed
Water (by coulometric titration)		4.9%
Precautions Order quantities that can be used immediately, and after receipt of a reference standard, store it at the specified temperature and use it as soon as possible.		
Expiration Date	November 2028 (unopened)	

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