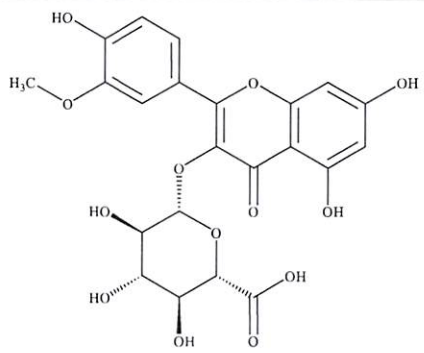
Certificate of Analysis

Certificate No.: **20260408005**

Date: April 8, 2026 Retest date: April 3, 2027

Compound Name:	**3'-*O*-Methyl Quercetin 3-*O*-*beta*-D-Glucuronide**
Synonyms:	(2S,3S,4S,5R,6S)-6-((5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-4-oxo-4*H*-chromen-3-yl)oxy)-3,4,5-trihydroxytetrahydro-2*H*-pyran-2-carboxylic acid
TLC Catalogue Number:	Q-0517
CAS Number:	36687-76-0
Alternate CAS Number:	N/A
Molecular Weight:	492.39
Molecular Formula:	$C_{22}H_{20}O_{13}$
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7370-058A4
Storage Conditions:	Protect from air, hygroscopic, store at 2-8 °C
Solubility:	Methanol, DMSO, Water



Test Description	**Specifications**	**Results**
Visual Description	Yellow solid	**Conforms**
Identification **IR** **MS** **^{1}H NMR**	 Conforms to structure Conforms to structure Conforms to structure	 **Conforms** **Conforms** **Conforms**
Purity (HPLC)	Not less than 95.0%	**97.8%**
Impurity (HPLC)	RT 12.97, 1.80%; RT 16.44, 0.20%	
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 90.0%	**91.0%**
Recommendation:	**Release.** The compound contains 1.8% M+14 impurity (RT 12.97) according to its HPLC and LC-MS.	

Name	**Department**	**Signature**	**Date**
Reviewed and approved by:	Quality Control		04/08/2026
Approved by:	Quality Assurance		04/08/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.