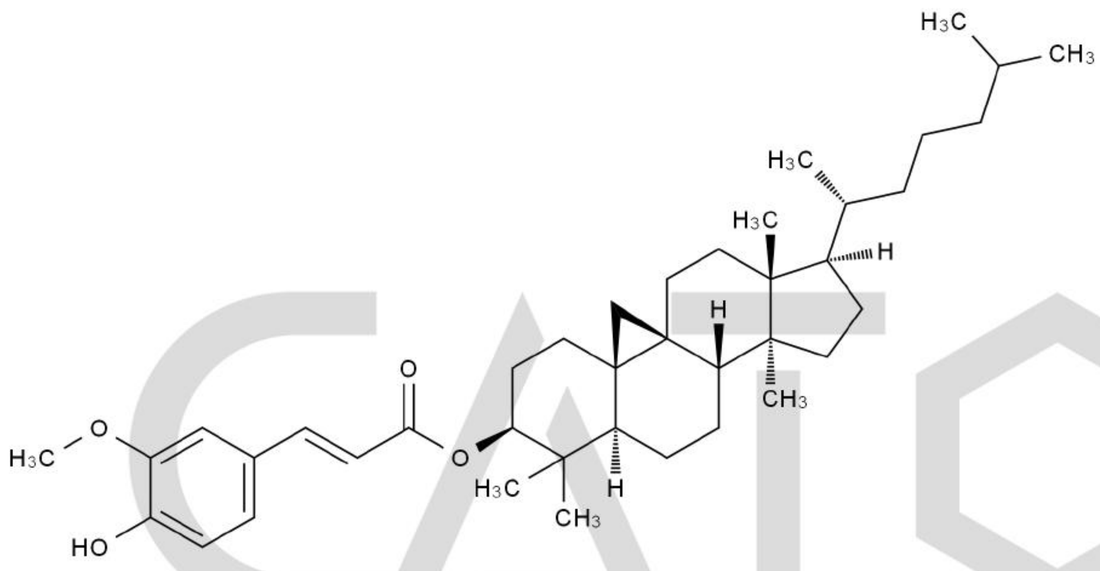
Certificate of Analysis

Reference Material & Standard

Product Name:	Oryzanol Impurity 1	**Catalogue Number:**	C4X-28611
Synonyms:	N/A	**Lot Number:**	0708-RH-0059
CAS Number:	545386-92-3	**Expiry Date:**	Jun 23, 2030
Molecular Formula:	$C_{40}H_{60}O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	604.90	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.0641%
Water Content	Karl Fischer	1.10%
Residual Solvents	NMR	0.1% ethyl acetate
Assay		93.9%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Date: Jul 22, 2026

Reviewed by: Date: Jul 22, 2026

Approved by General Manager: Date: Jul 22, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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