CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

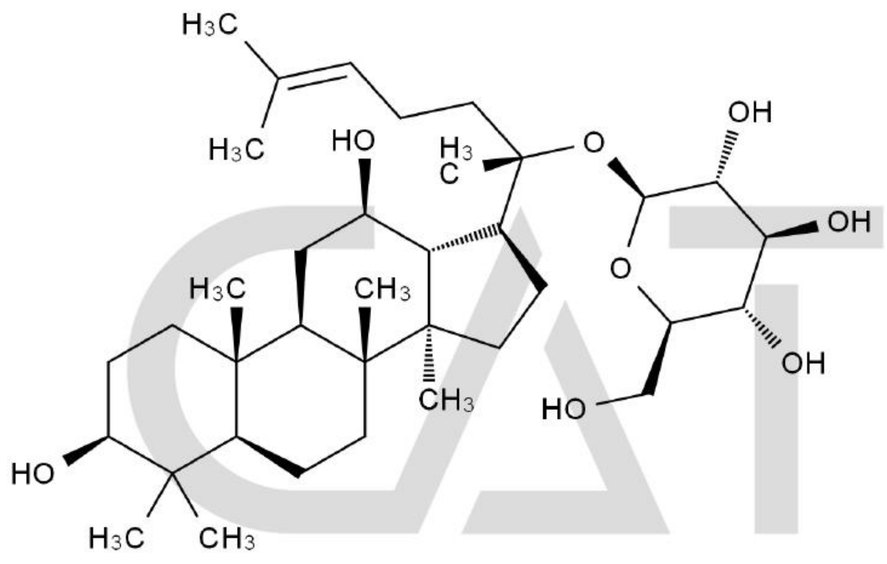
No.: 202601070085

Certificate of Analysis

Reference Material & Standard

Product Name:	Compound CK	**Catalogue Number:**	CCPE900222
Synonyms:	N/A	**Lot Number:**	0109-RH-0041
CAS Number:	39262-14-1	**Expiry Date:**	Jan 14, 2030
Molecular Formula:	$C_{36}H_{62}O_8$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	622.87	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss On Drying	TGA	4.4032%
Assay		95.6%
Uncertainty		±0.5%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss On Drying) * Purity ELSD (%) /100%*
Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Jan 15, 2026

Reviewed by: Lisa Date: Jan 15, 2026

Approved by General Manager: David Date: Jan 15, 2026

CATO Research Chemicals Inc.

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China
Tel: +86-20-81960175 Email: supports@cato-chem.com Web: Https://www.cato-chem.com

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

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