Certificate of Analysis

Reference Material & Standard

Product Name:	1-Eicosanol	**Catalogue Number:**	C3D-5272
Synonyms:	N/A	**Lot Number:**	1109-RH-0064
CAS Number:	629-96-9	**Expiry Date:**	Nov 08, 2030
Molecular Formula:	$C_{20}H_{42}O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.55	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.417%
Loss on Drying	TGA	0.0167%
Assay	Mass Balance	98.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity GC (%) /100%*
Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 09, 2026

Reviewed by: Lisa Date: Nov 09, 2026

Approved by General Manager: David Date: Nov 09, 2026

CATO Research Chemicals Inc.