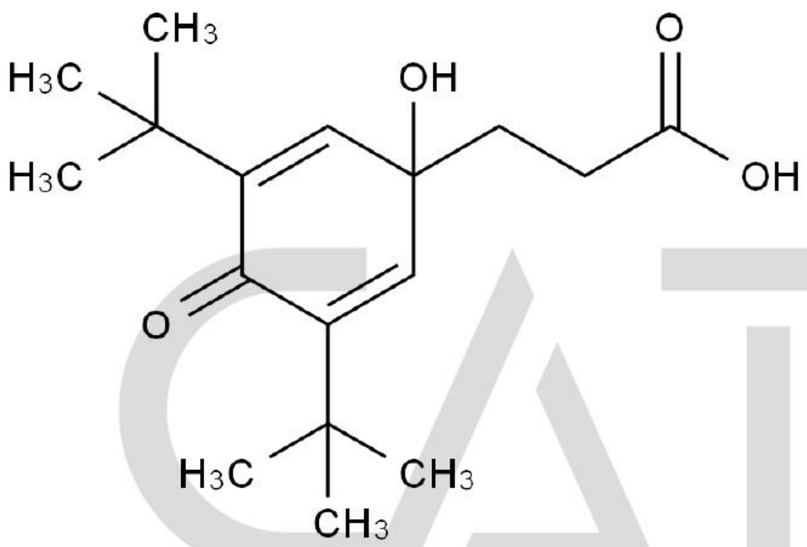
Certificate of Analysis

Reference Material & Standard

Product Name:	Propofol Impurity 21	**Catalogue Number:**	C4X-147321
Synonyms:	N/A	**Lot Number:**	0824-RH-0010
CAS Number:	83237-15-4	**Expiry Date:**	Aug 25, 2030
Molecular Formula:	$C_{17}H_{26}O_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	294.39	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.654%
Loss on Drying	TGA	0.3843%
Assay		96.3%

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Comment:

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

Signature:

Prepared by: Alice — Date: Aug 26, 2026

Reviewed by: Koi — Date: Aug 26, 2026

Approved by General Manager: David — Date: Aug 26, 2026

CATO Research Chemicals Inc.