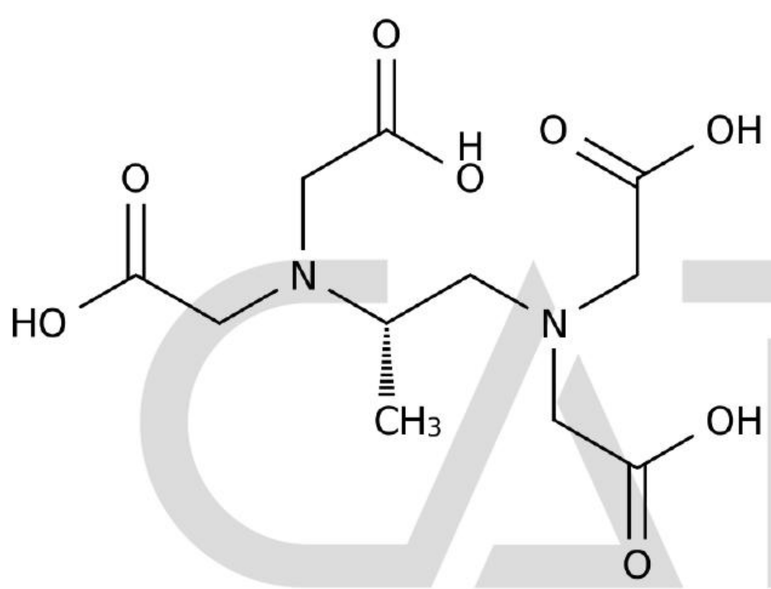
Certificate of Analysis

Reference Material & Standard

Product Name:	Dexrazoxane Impurity 33	**Catalogue Number:**	C4X-202033
Synonyms:	N/A	**Lot Number:**	0802-RH-0026
CAS Number:	15250-41-6	**Expiry Date:**	Aug 11, 2030
Molecular Formula:	$C_{11}H_{18}N_2O_8$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	306.27	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	1.7148%
Assay		98.3%

CATO Research Chemicals Inc.

Comment:

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.

Signature:

Prepared by: Alice Date: Aug 12, 2026

Reviewed by: Koi Date: Aug 12, 2026

Approved by General Manager: David Date: Aug 12, 2026

CATO Research Chemicals Inc.