

Certificate of Analysis

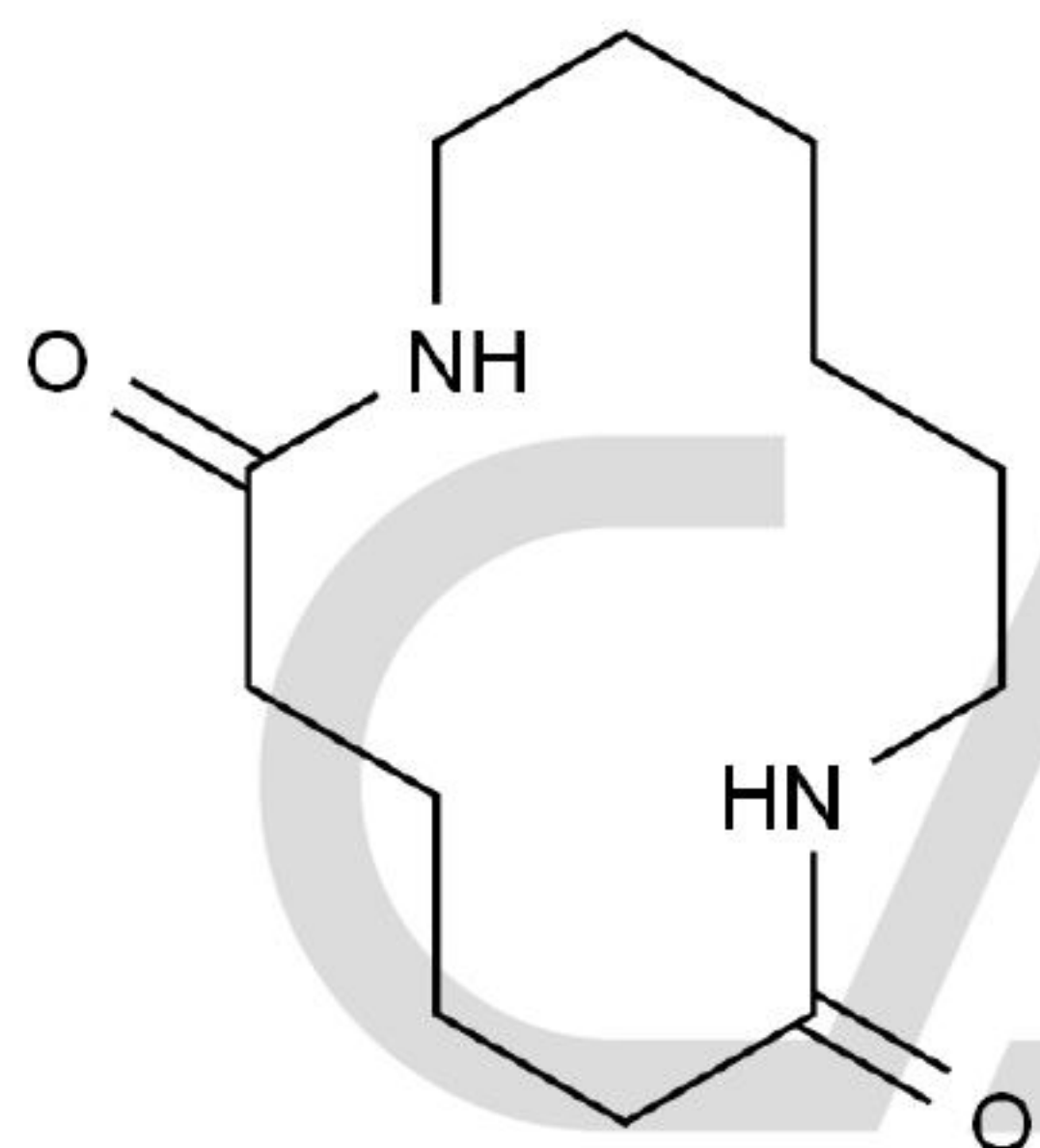
Reference Material & Standard

Product Name:	1,8-Diazacyclotetradecane-2,7-dione	Catalogue Number:	CCHM703111
Synonyms:	N/A	Lot Number:	0605-RE-0080
CAS Number:	4266-66-4	Expiry Date:	May 18, 2027
Molecular Formula:	C ₁₂ H ₂₂ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	226.32	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.4%
Uncertainty		±2.0%

Comment:

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:

Lisa

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Jun 09, 2023

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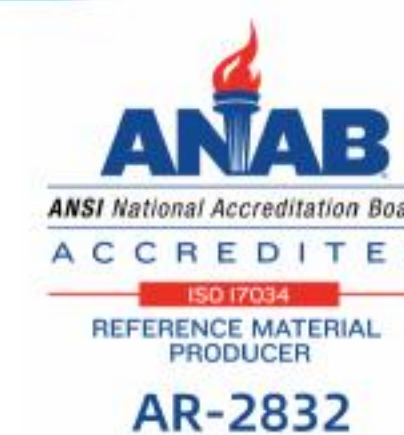
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