

Certificate of Analysis

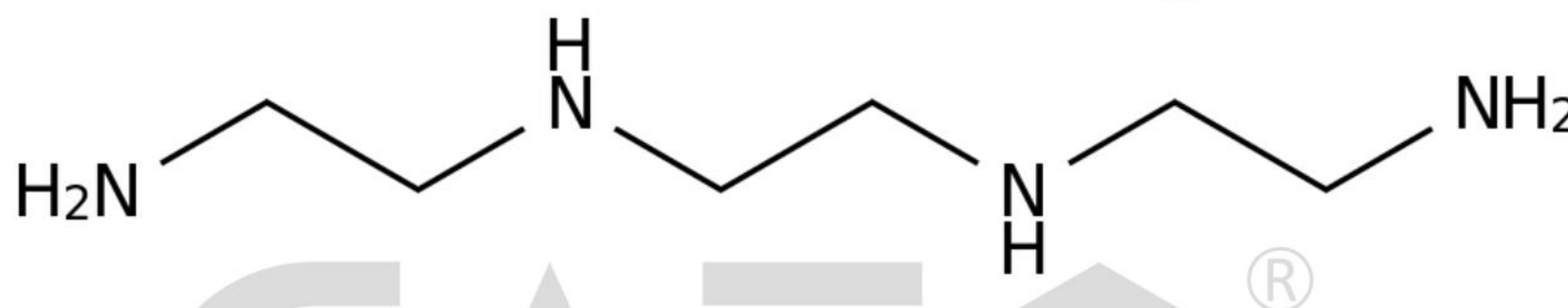
Reference Material & Standard

Product Name:	Gadobutrol Impurity 115	Catalogue Number:	C4X-2120115
Synonyms:	Triethylenetetramine	Lot Number:	1127-RG-0102
CAS Number:	112-24-3	Expiry Date:	Aug 04, 2030
Molecular Formula:	C ₆ H ₁₈ N ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	146.23	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.3%
Assay	qNMR	95.8%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 05, 2026

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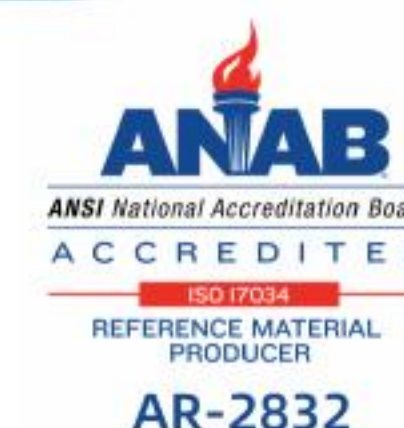
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