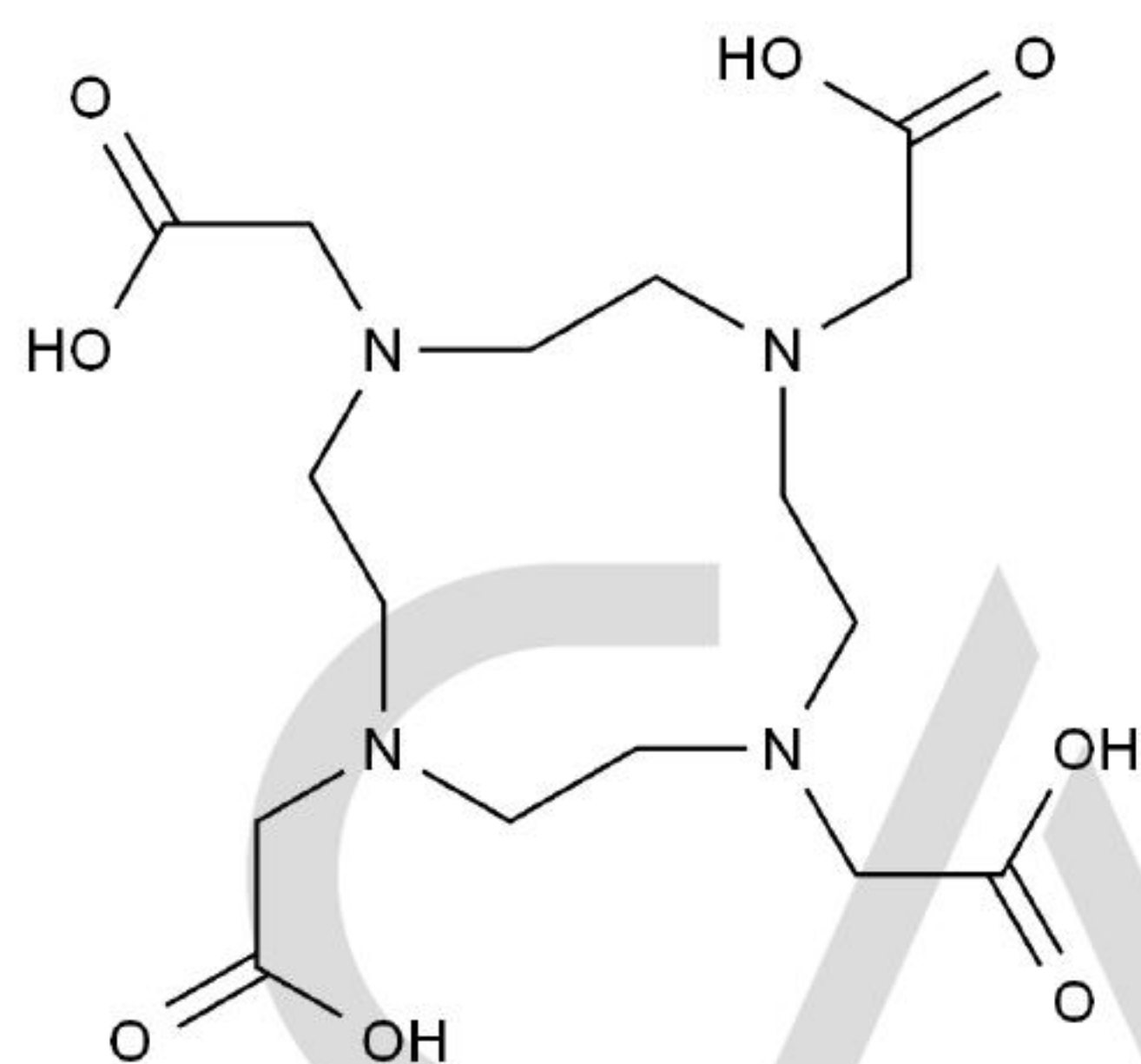


Certificate of Analysis

Reference Material & Standard

Product Name:	Tritracine tetraacetic acid	Catalogue Number:	C4X-212015
Synonyms:	Gadobutrol Impurity 15	Lot Number:	0614-RF-0008
CAS Number:	60239-18-1	Expiry Date:	Aug 10, 2030
Molecular Formula:	$C_{16}H_{28}N_4O_8$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	404.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	92.7%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

