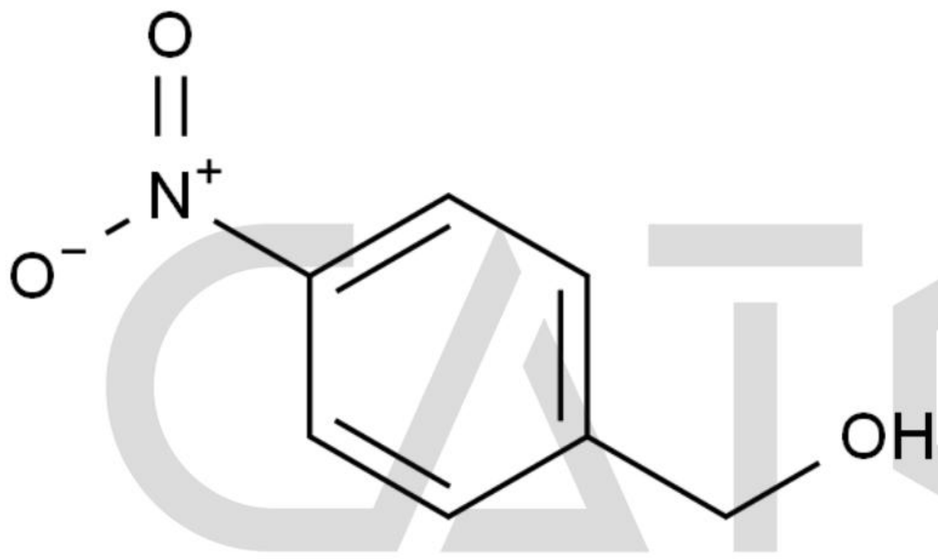
Certificate of Analysis

Reference Material & Standard

Product Name:	Gadobutrol Impurity 111	**Catalogue Number:**	C4X-2120111
Synonyms:	4-Nitrobenzyl Alcohol	**Lot Number:**	1116-RH-0049
CAS Number:	619-73-8	**Expiry Date:**	Nov 15, 2030
Molecular Formula:	$C_7H_7NO_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	153.14	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.5%
Assay	qNMR	95.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 16, 2026

Reviewed by: Lisa Date: Nov 16, 2026

Approved by General Manager: David Date: Nov 16, 2026

CATO Research Chemicals Inc.