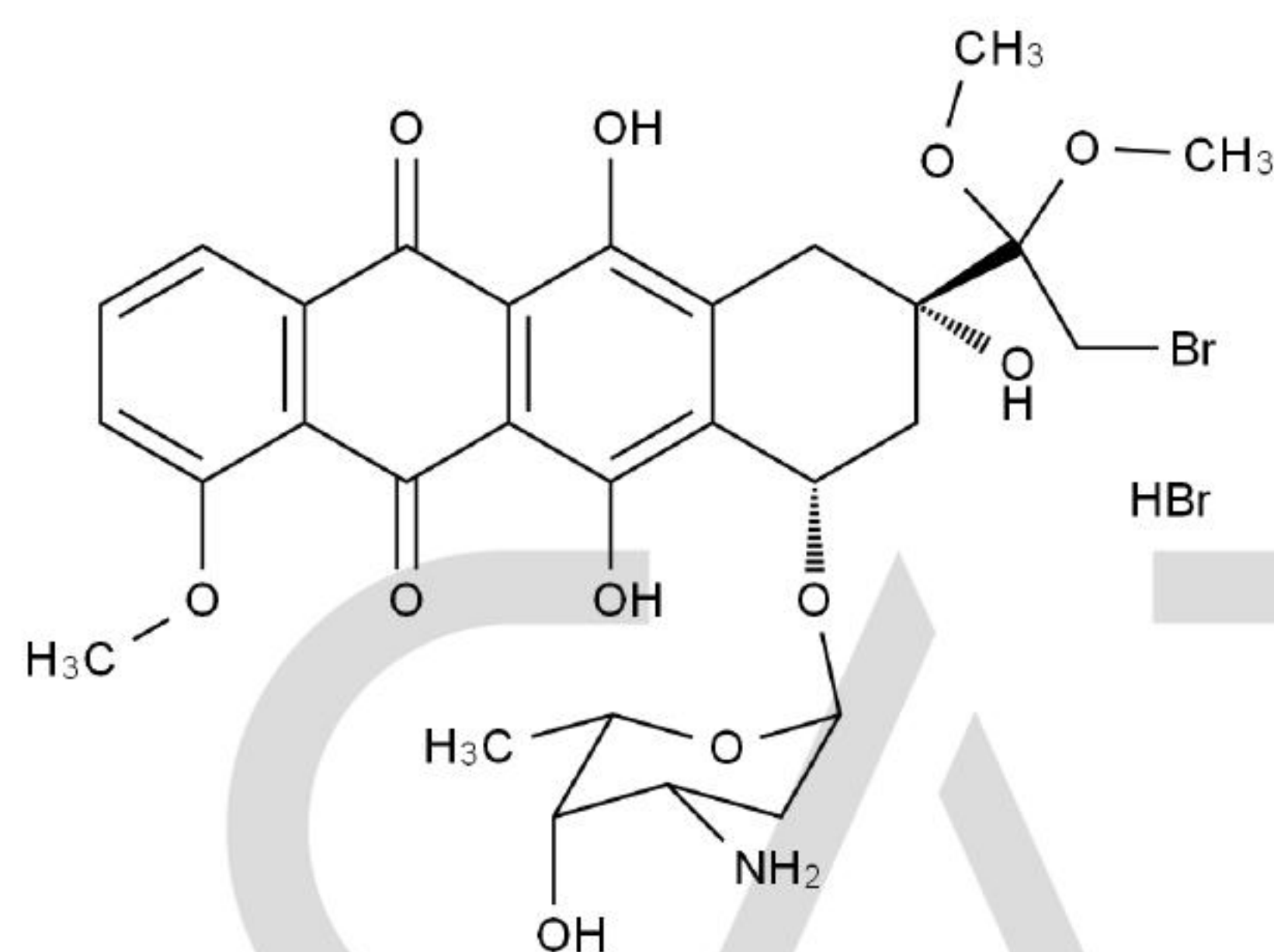


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxorubicin EP Impurity B	Catalogue Number:	C4X-20332
Synonyms:	N/A	Lot Number:	0804-RG-0026
CAS Number:	148218-14-8	Expiry Date:	Jul 21, 2029
Molecular Formula:	C ₂₉ H ₃₄ BrNO ₁₁ HBr	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	652.48 80.91		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.690%
Water Content	Karl Fischer	3.01%
Residual Solvents	NMR	Not detected in NMR
Assay		93.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 04, 2025

Date: Aug 05, 2025

Date: Aug 05, 2025

