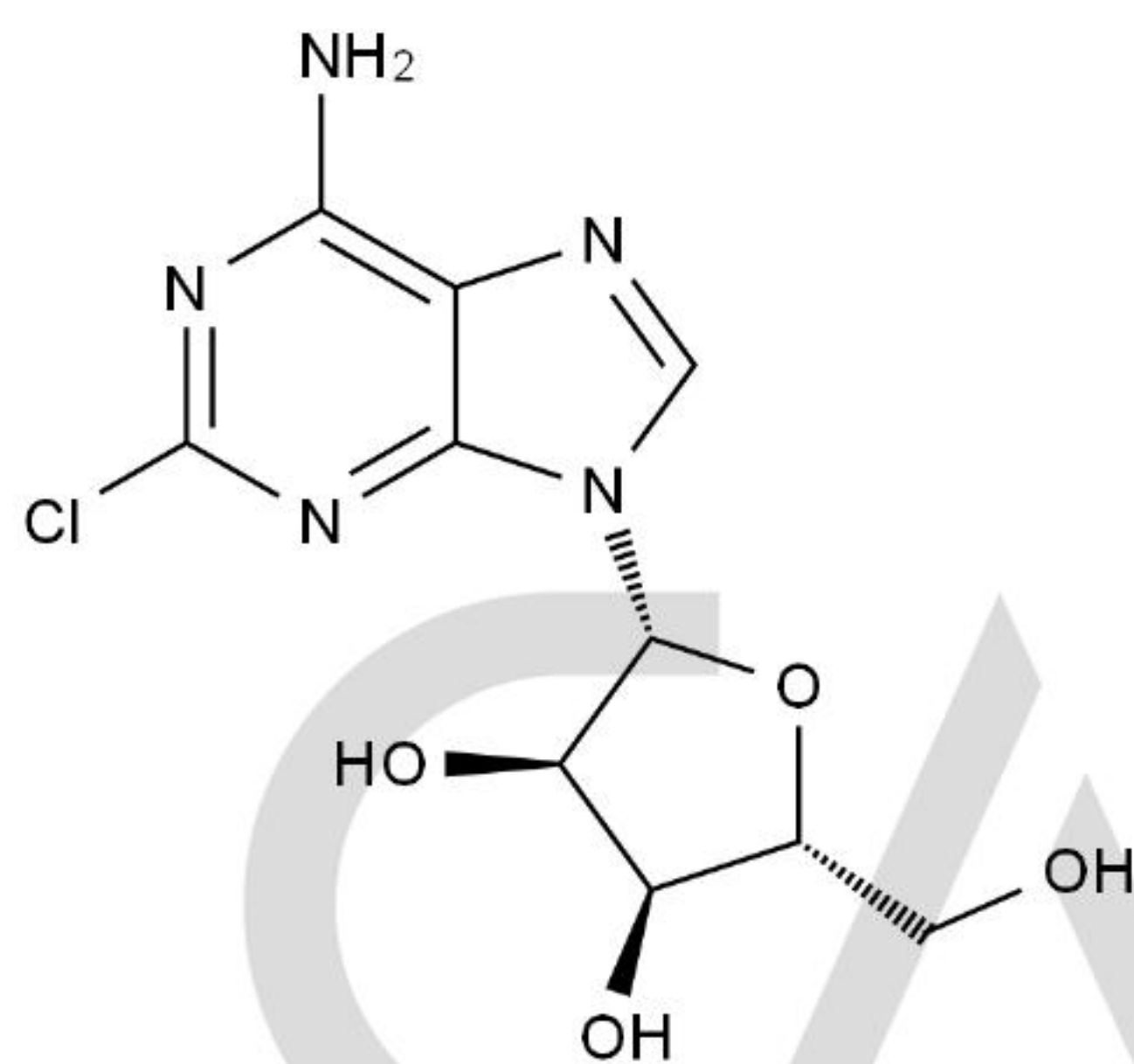


Certificate of Analysis

Reference Material & Standard

Product Name:	Regadenoson Impurity 21	Catalogue Number:	C4X-198521
Synonyms:	2-Chloroadenosine	Lot Number:	0306-RG-0068
CAS Number:	146-77-0	Expiry Date:	Mar 05, 2028
Molecular Formula:	C ₁₀ H ₁₂ ClN ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	301.69	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.465%
Loss On Drying	TGA	0.8962%
Assay		98.6%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 06, 2025

Date: Mar 07, 2025

Date: Mar 07, 2025

