

Certificate of Analysis

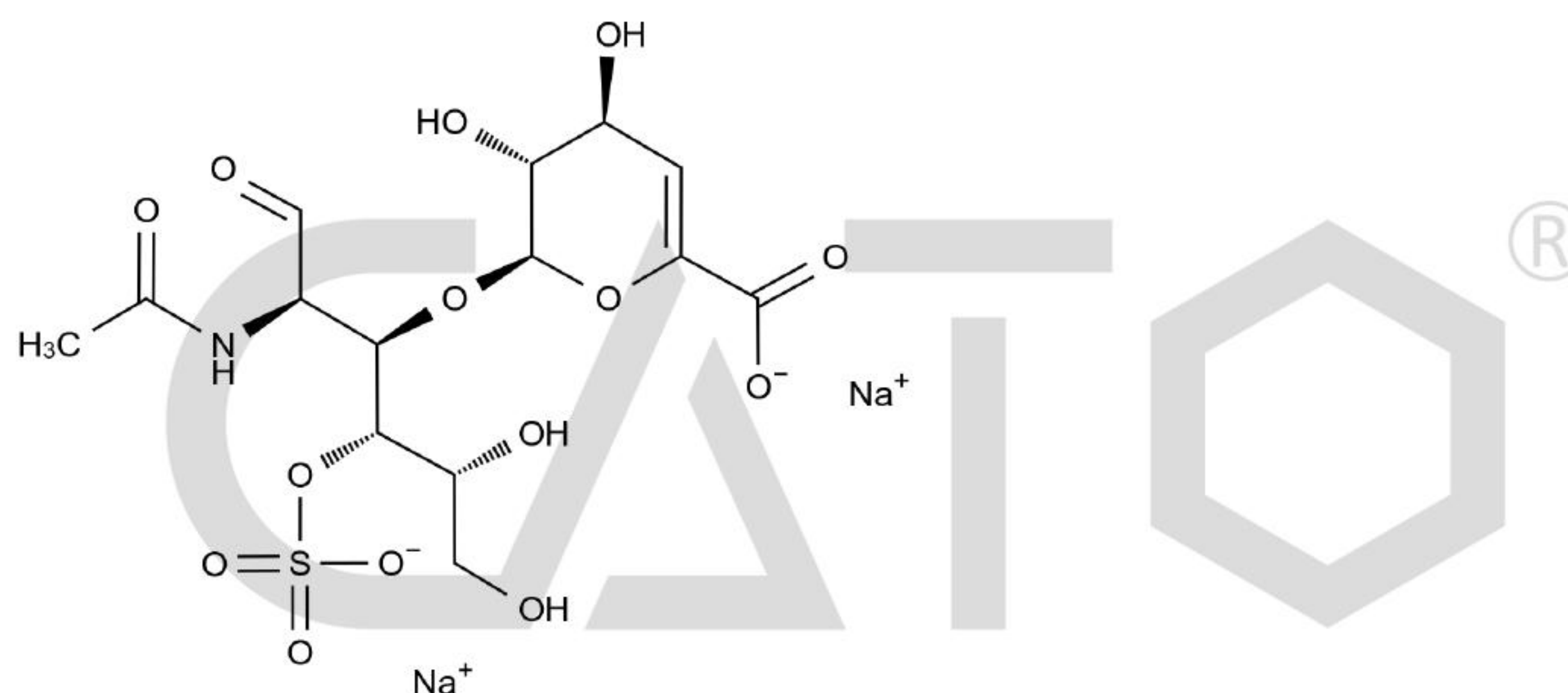
Reference Material & Standard

Product Name:	Chondroitin disaccharide Δdi-4S sodium salt	Catalogue Number:	C1255469
Synonyms:	N/A	Lot Number:	1020-RG-0071
CAS Number:	136144-56-4	Expiry Date:	Oct 23, 2029
Molecular Formula:	C ₁₄ H ₁₉ NO ₁₄ S 2*Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	457.36 2*22.99	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.756%
Loss On Drying	TGA	5.8440%
Assay		93.0%

Comment:

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

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 24, 2025

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