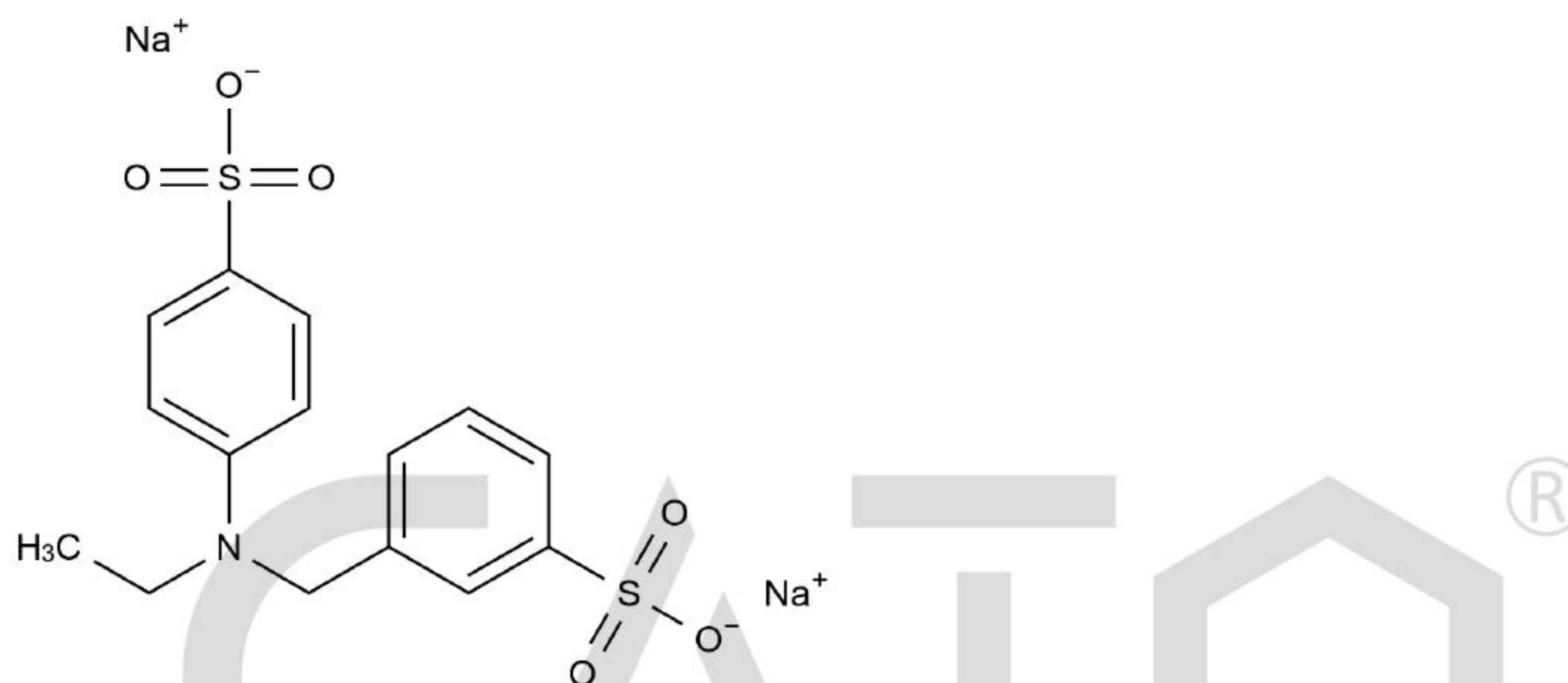


Certificate of Analysis

Reference Material

Product Name:	N-Ethyl-N-(3-sulfobenzyl)sulfanilic Acid Disodium Salt	Catalogue Number:	C3D-6114
Chemical Name:	N/A	Lot Number:	0605-RE-0070
CAS Number:	5363-53-1	Expiry Date:	Nov 26, 2024
Molecular Formula:	C ₁₅ H ₁₅ NO ₆ S ₂ 2*Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	369.41 2*22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.67%
Water Content	Karl Fischer	6.6%
Assay		92.2%

Comment:

1. Sodium Content: 10.30% by Ion Chromatography
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Nov 27, 2020

Date: Jun 20, 2023

Date: Jun 20, 2023

