

Certificate of Analysis

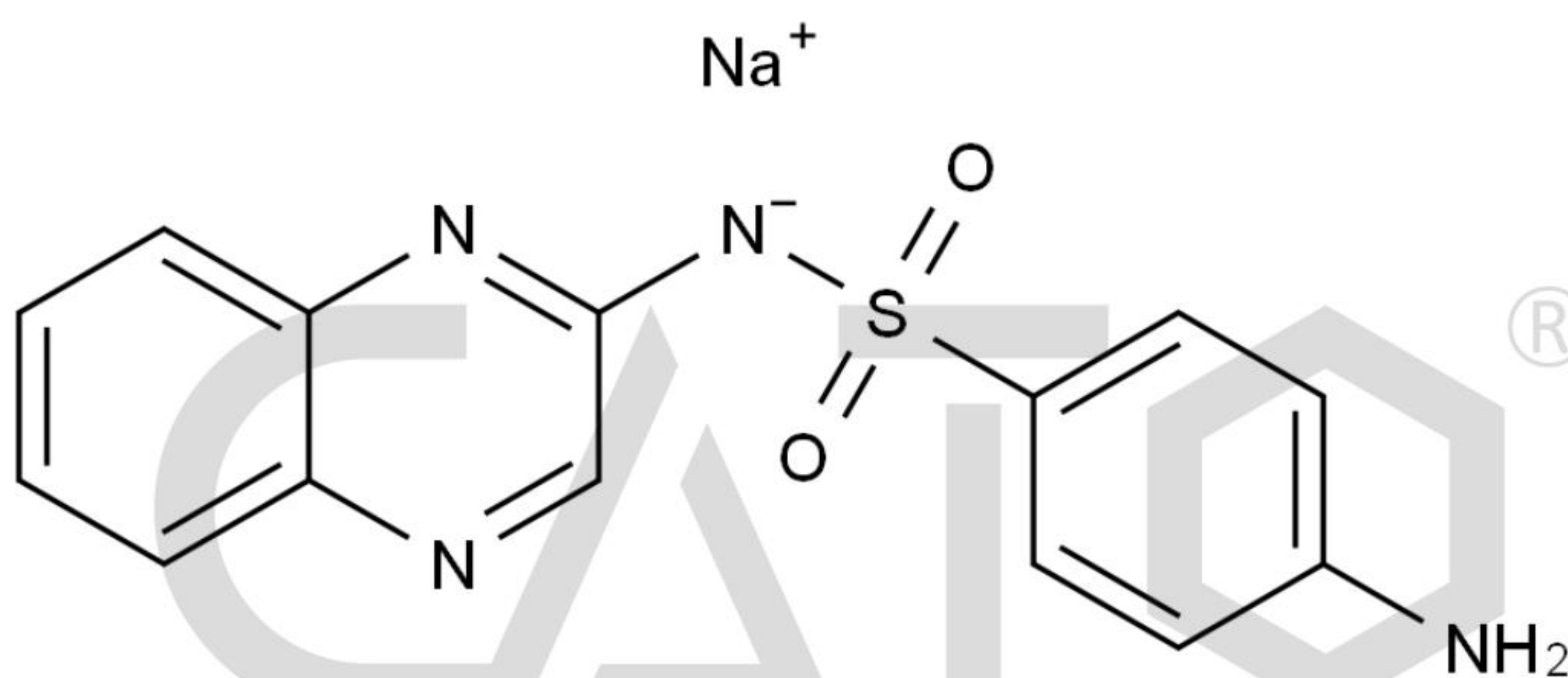
Reference Material & Standard

Product Name:	Sulfaquinoxaline Sodium	Catalogue Number:	CCAD300959
Synonyms:	N/A	Lot Number:	0821-RF-0018
CAS Number:	967-80-6	Expiry Date:	Aug 22, 2028
Molecular Formula:	C ₁₄ H ₁₁ N ₄ O ₂ S Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	299.33 22.99	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.708%
Water Content	Karl Fischer	5.5042%
Assay		92.3%
Uncertainty		±1.0%

Comment:

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

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

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

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Approved by General Manager:

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Date: Apr 24, 2026

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