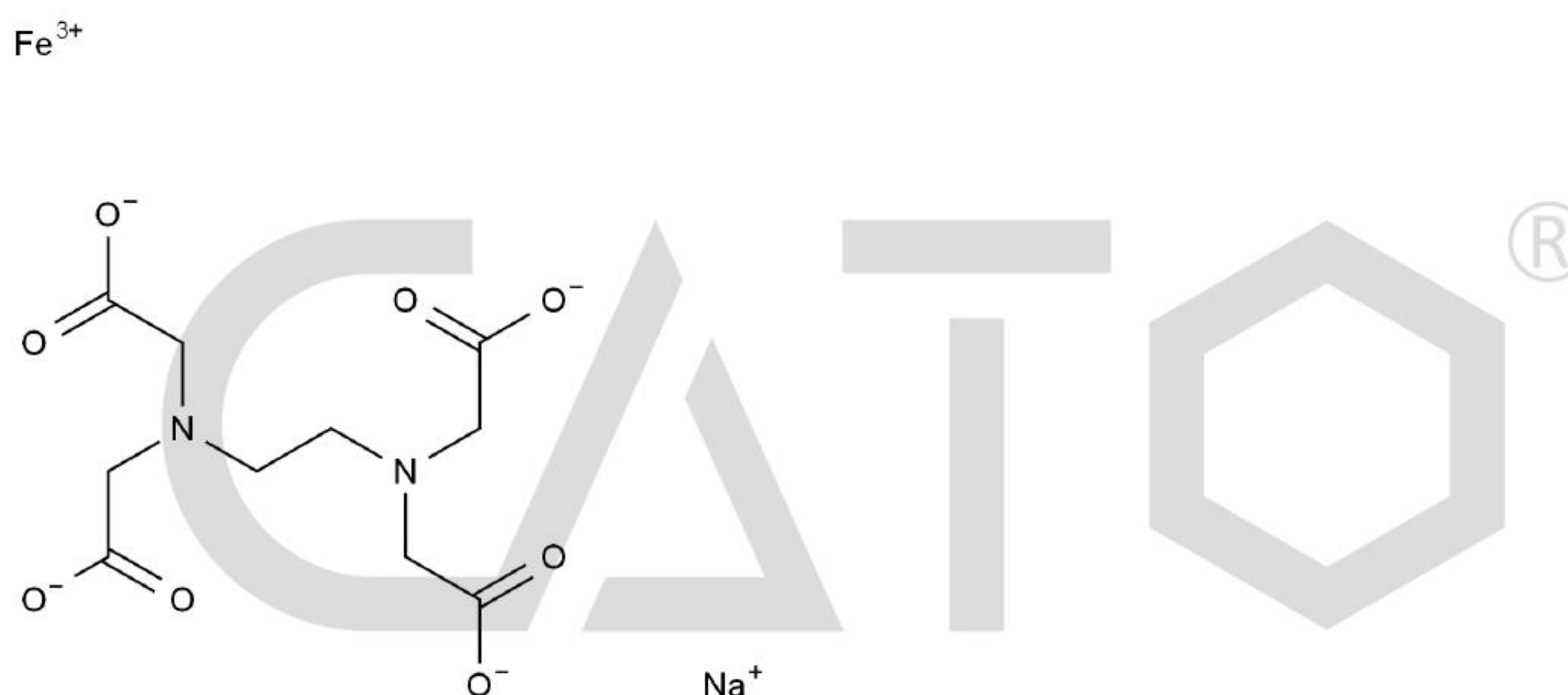


Certificate of Analysis

Reference Material & Standard

Product Name:	Ethylenediaminetetraacetic Acid Monosodium Ferric Salt Hydrate	Catalogue Number:	CCFD200592
Synonyms:	N/A	Lot Number:	0330-RH-0084
CAS Number:	15708-41-5	Expiry Date:	Mar 26, 2030
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O ₈ Fe Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	288.21 55.85 22.99	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	12.8296%
Assay		87.2%
Uncertainty		±0.2%

Comment:

1. The calculation of the mass balance 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.

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:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 30, 2026

Date: Mar 30, 2026

Date: Mar 30, 2026

