

## Product Specification

Product Name:

N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride - BioXtra

Product Number:

E1769

CAS Number:

25952-53-8

Formula:

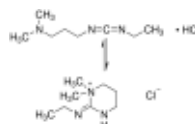
C<sub>8</sub>H<sub>17</sub>N<sub>3</sub> · HCl

Formula Weight:

191,70 g/mol

Storage Temperature:

-20 °C



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
0.5 M in Water at 20 °C	
Sulphated Ash	≤ 0.1 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Miscellaneous Assay	Corresponds to Requirements
Insoluble Matter < = 0.1 %	
Aluminum (Al)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Lead (Pb)	≤ 0.001 %
Zinc (Zn)	≤ 0.0005 %
Total Phosphorus	≤ 0.005 %
as PO <sub>4</sub> (ICP)	
Ammonium	≤ 0.05 %
Sulfate (SO <sub>4</sub> )	≤ 0.05 %

Specification: PRE.1.ZQ5.10000021221

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

