

# Quality specification

Product name:	1-(3-DIMETHYLAMINOPROPYL)-3-ETHYL CARBODIIMIDE HYDROCHLORIDE		
Product No.:	3803-KL		
Molecular weight:	191,71		
Formula:	$C_8H_{18}ClN_3$	$(CH_3)_2N(CH_2)_3-N=C=N-CH_2CH_3$	$\cdot HCl$
CAS No.:	25952-53-8		
EINECS No.:	247-361-2		

CHARACTERISTIC	SPECIFIED VALUE
<b>Appearance</b> <i>Method: 3603</i>	<i>White crystalline powder</i>
<b>Purity (by argentometria)</b> <i>Method: 3703</i>	<input checked="" type="checkbox"/> <b>99,0 %</b>
<b>Purity (by HPLC)</b> <i>Method: 4014</i>	<b>≥ 98,5%</b>
<b>Water content (by KF).</b> <i>Method: 0800</i>	<b>≤ 0,2 %</b>
<b>NMR spectrum</b> <i>Method: 2600</i>	<i>Identify in comparing with the standard's spectrum Made periodically</i>
<b>IR</b> <i>Method: 1500</i>	<i>Identify in comparing with the standard's spectrum Made periodically</i>
<b>Turbidity</b> 10 m/m% solution in water <i>Method. 0310</i>	<b>≤ 10 NTU</b>
<b>Clarity test</b> 10 m/m% solution in water <i>Method 0310</i>	<b>Clear &amp; colourless</b>
<b>Melting point</b> <i>Method: 2100</i>	<b>110 – 116 °C</b>

Packaging: in fibreboard drums (or other drum, FIBC/box according to especial customer requirements) with double PE bags. Outer bag is made from Al-Barrier foil closed by heat sealing. Both bags are rinsed by Nitrogen. Shelf life is 12 months if the material is stored tightly closed with the exclusion of any moisture below +4 °C.

Veszprém, 02nd March, 2017

Nóra Koncsag/QA