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Version 09

Specification

01.12.2009

Code No. 12070

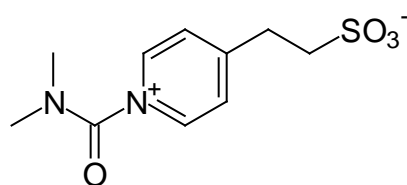
Hardener 1207

CAS No. 136997-71-2

ELINCS +

Chemical Name **1-Dimethylcarbamoyl-4-(2-sulfoethyl)pyridinium betaine**
2-(1-Dimethylcarbamoyl-4-pyridyl)ethane sulfonic acid inner salt

Structure



Molecular Formula $C_{10}H_{14}N_2O_4S$

Molecular Weight 258,30

Product Properties

Appearance	Light-beige to gray crystalline powder
Assay ($\Delta\%$)	$\geq 97,5$ (HPLC)
Melting point ($^{\circ}C$)	172 - 178
Loss on drying (%)	$\leq 1,0$
Sulfated ash (%)	$\leq 0,2$
pH value (10% water)	4,0 - 5,0
PESA (%)	$\leq 2,5$ (HPLC)
TEA-HCl (%)	$\leq 0,5$ (Titration)
DMCC (ppm)	≤ 5

Storage T < 10°C, rel. humidity max 70%, tightly closed. Durability 12 months

Application Hardener in photography

Changes in comparison to previous issue do not relate to contents.