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CERTIFICATE OF ANALYSIS

Product: Dabigatran intermediates

Chemical name: Ethyl3-{1-[3-amino-4-(methylamino)phenyl]-N-(pyridin-2-yl)formamido}-propanoate[CAS:212322-56-0]

Batch No: 20100720

Manufacturing Date: July 2010

Expiry Date: July 2012

Analysis report number: 20100724

Quantity: 50 Grams

Items	Specifications	Results
Appearance:	dark brown to brow powder	Complies
Identification:	Complies with the Standard	Complies
Purity(HPLC):	99.0%min.	99.4%
Loss on drying:	0.5%max.	0.10%
Residue on ignition:	0.5%max.	0.16%

Conclusion: Complies with the Enterprise's Standard .

QC manager:02

Checked by:05

Analyst:06



CERTIFICATE OF ANALYSIS

Product: Dabigatran intermediates
Chemical name: N-(4-cyanophenyl)-Glycine[CAS:42288-26-6]
Batch No: 20101208
Manufacturing Date: Sep., 2010
Expiry Date: Sep., 2012
Analysis report number: 20101212
Quantity: 50 Grams

Items	Specifications	Results
Appearance:	almost white to yellow solid	Complies
Identification:	Complies with the Standard	Complies
Purity(HPLC):	98.0%min.	99.6%
Related substance:		
Individual impurity:	0.5%max.	0.32%
Loss on drying:	0.5%max.	0.08%
Residue on ignition:	0.5%max.	0.32%

Conclusion: Complies with the Enterprise's Standard .

QC manager:02

Checked by:05

Analyst:06



CERTIFICATE OF ANALYSIS

Product: Dabigatran intermediates

Chemical name: Ethyl 3-(2-((4-cyanophenylamino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate[CAS: 211915-84-3]

Batch No: 20101201

Manufacturing Date: Sep., 2010

Expiry Date: Sep., 2012

Analysis report number: 20101207

Quantity: 50 Grams

Items	Specifications	Results
Appearance:	almost white or grey white powder	Complies
Identification:	Complies with the Standard	Complies
Purity(HPLC):	98.5%min.	99.1%
Loss on drying:	0.5%max.	0.10%
Residue on ignition:	0.5%max.	0.07%

Conclusion: Complies with the Enterprise's Standard .

QC manager:02

Checked by:05

Analyst:06