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Certificate of Analysis

Catalogue Number	05878
Lot Number	000127-1042561
Product	L-Asparagine 7-amido-4-methylcoumarin trifluoroacetate L-Asn-AMC•TFA
CAS Number	115047-90-0
Molecular Formula	C ₁₄ H ₁₅ N ₃ O ₄ •C ₂ HO ₂ F ₃
Molecular Weight	403.32
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Appearance	White powder
Solubility	Clear, yellowish solution (50mg/mL in Water)
Elemental Analysis (Found)	C: 45.60% H: 4.30%, N: 10.00%
Water Content (Karl Fisher)	2%
TLC System	n-butanol/acetic acid/water 4/1/1 methanol/chloroform/ammonia 17% 2/2/1 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/water 60/45/14/6 plate gel: 60 F254 detected by: UV. ninhd. chlorine-tolidine
Assay	67.50% (Nth 14.53%, Nfd 9.81%)
Purity by TLC	> 98%
Storage	Store at 0-8°C
Additional Information	Trifluoroacetic acid: 27.5%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager