

Version Molecular weight Quality Test / Release Date Molecular Formula CAS No Linear Formula Flash Point (°C)

00 151.25 10/26/2012 C10 H17 N 768- 94- 5

Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	16047	Quality Test / Release Date 10/26/2012
Lot Number	A0326755	
Description	1- Adamantanamine,96%	
Country of Origin	GERMANY	
Declaration of Origin	synthetic	
BSE/TSE comment 1		

Chemical Comment

Result name	Units	Specifications	Test Value
Appearance		White to cream powder	Cream powder
Infrared spectrometry		Authentic	Authentic
Assay Total base		>=95.0 % (on dry substance)	95.6 % (on dry substance)
Water		=<15 %	3.7 %



den Block

L. Van Den Broek, QA Manager

Issued: 07-23-2013

Acros Organics

ENA23, zone1, nr 1350, Janssen Pharmaceuticalaan 3a, B- 2440 Geel, Belgium Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: http://www.acros.com 1 Regent Lane, Fair Lawn, NJ 07410, USA Fax 201- 796- 1329