



Version	01
Molecular weight	111.14
Quality Test / Release Date	05/06/2016
Molecular Formula	C6 H9 N O
CAS No	88-12-0
Linear Formula	
Flash Point (°C)	95

Certificate of Analysis

This is to certify that units of the lot number below 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. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	35473	Quality Test / Release Date	05/06/2016
Lot Number	A0372740		
Description	N-Vinyl-2-pyrrolidone,99%,stabilized with Kerobit®		
Country of Origin	GERMANY		
Declaration of Origin	synthetic		

BSE/TSE comment	
------------------------	--

Chemical Comment	
-------------------------	--

Result name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to yellow	Clear light yellow
Appearance (Form)		Liquid	Liquid
Appearance		May darken on storage	May darken on storage
Infrared spectrum		Authentic	Authentic
Refractive index		1.5110 to 1.5140 (20°C, 589 nm)	1.5134 (20°C, 589 nm)
GC		>=98.5 %	99.8 %
Pyrrolidone		=<0.2 %	0.04 %
Water		=<0.1 %	0.02 %
Stabilizer		10 ppm Kerobit(N,N'-Di-sec-butyl-p-phenylenediamine)	10 ppm Kerobit(N,N'-Di-sec-butyl-p-phenylenediamine)



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 05-06-2019

Acros Organics
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 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