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Molecular weight	220.27
Quality Test / Release Date	03/30/2020
Molecular Formula	C12 H16 N2 O2
CAS No	31166-44-6
Linear Formula	
Flash Point (°C)	>110

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	36729	Quality Test / Release Date 03/30/2020
Lot Number	344289	
Description	Benzyl 1-piperazinecarboxylate, 97%	
Country of Origin	CHINA	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to yellow	Pale yellow
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
GC		>=96.0 %	98.0 %
NMR			Consistent with structure



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

L. Van den Broek, QA Manager

Issued: 03-31-2020

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