



Version	00
Molecular weight	192.26
Quality Test / Release Date	12/10/2018
Molecular Formula	C11 H16 N2 O
CAS No	35386-24-4
Linear Formula	
Flash Point (°C)	>110

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	12604	Quality Test / Release Date 12/10/2018
Lot Number	A0403330	
Description	1-(2-Methoxyphenyl)piperazine, 98+%	
Country of Origin	INDIA	
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	Yellow
Appearance (Form)		Liquid after melting	Liquid after melting
Infrared spectrum		Conforms	Conforms
Titration with HClO ₄		98.0 to 102.0 %	101.2 %
Titration Tertiary base		98.0 to 102.0 %	98.5 %
GC		≥98.0 %	98.8 %
GC		≤1.0 % (o-anisidine)	≤1.0 % (o-anisidine)
Refractive index		1.5745 to 1.5765 (20°C, 589 nm)	1.5758 (20°C, 589 nm)



A handwritten signature in black ink, reading "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 12-11-2018

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