

 Version
 00

 Molecular weight
 192.26

 Quality Test / Release Date
 10/11/2019

 Molecular Formula
 C11 H16 N2 O

 CAS No
 35386-24-4

Linear Formula Flash Point (°C)

>110

Certificate of Analysis

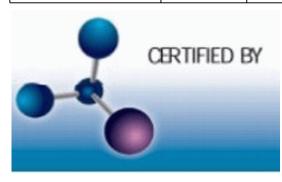
This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability 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	12604	Quality Test / Release Date 10/11/2019
Lot Number	A0412925	
Description	1-(2-Methoxyphenyl)piperazine,98+%	
Country of Origin	INDIA	
Declaration of Origin	synthetic	

BSE/TSE comment

Chemical Comment

Result name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to yellow	Clear colorless
Appearance (Form)		Liquid after melting	Liquid after melting
Infrared spectrum		Conforms	Conforms
Titration with HCIO4		98.0 to 102.0 %	99.9 %
Titration Tertiary base		98.0 to 102.0 %	100.5 %
GC		>=98.0 %	98.7 %
GC		=<1.0 % (o-anisidine)	=<1.0 % (o-anisidine)
Refractive index		1.5745 to 1.5765 (20°C, 589 nm)	1.5755 (20°C, 589 nm)



L. Van den Broek, QA Manager

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

& Block L

Issued: 10-14-2019