



## Certificate of Analysis

**Product Name:** Polyhexamethylene oxide

**Product Number:** BM1535

**Batch Number:** M15352211

**CAS Number:** 31762-63-7

**Molecular Formula:** HO-((CH<sub>2</sub>)<sub>6</sub>-O)<sub>n</sub>-H

**Date of Manufacture:** 13 December 2022

Analysis	Specification	Results
Appearance (as a solution at >50°C)	Clear and pale yellow to yellow colour.	Clear and pale yellow colour.
FTIR	Conforms to reference spectrum	Conforms to reference spectrum
Colour (Pt-Co)	<500 pcu (Pt-Co units)	300 pcu (Pt-Co units)
Acid Number	<0.12 mg KOH / g	0.082mg KOH / g
Hydroxyl Number	149.60 – 172.62 mg KOH / g	160.19mg KOH / g
Molecular Weight	650.0 – 750.0 g / mol	700.4 g / mol
Notes		

Prepared by:

Peter Karellas

23/12/2022

Signature

Name

Date

Checked by:

Mark Russell

23/12/2022

Signature

Name

Date

UNITED STATES

Boron Molecular Inc

P.O. Box 12592

Research Triangle Park, NC 27709

Tel: (919)-981-4441 Fax: (919)-981-4442

Email:sales@boronmolecular-usa.com

AUSTRALIA

Boron Molecular Pty Limited

P.O. Box 756

Noble Park, Victoria, 3174

Tel: 61-3-8558 8000 Fax: 61-3-8558 8004

Email:sales@boronmolecular.com