



Molekula Limited
Lingfield Way
Darlington
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United Kingdom
+44 (0) 3302 000333
info@molekula.com

Certificate of Analysis

Technical Data Sheet

Product Name	Pyrazinamide
Product No	17143121
CAS Number	98-96-4
Expiry Date	Jul 17th, 2024
Batch Number	206473
Storage Temperature	Ambient
Molecular Weight	123.11

	Specification	CofA
Melting Point	188 - 191°C	189.2 - 190 Deg C
Water	0.5% max	0.12%
Conclusion	Conforms to USP37 grade	Conforms
Heavy metals	10ppm max	<10ppm
Identification	IR/UV	Conforms
Assay	99.0 - 101.0%	99.30%
Sulfated ash	0.1% max	0.05%
Appearance	White crystalline powder	White crystalline powder



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Product Name	Clofazimine
Product No	30617468
CAS Number	2030-63-9
Expiry Date	Nov 21st, 2024
Batch Number	230678
Storage Temperature	Ambient
Molecular Weight	473.3964

	Specification	CofA
Melting Point	212 - 213 Deg C	Conforms
Loss on Drying	<0.5%	0.18%
Assay	>99%	99.31%
Appearance	Brick red crystalline powder	Red crystalline powder



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Product Name	Linezolid
Product No	81026216
CAS Number	165800-03-3
Expiry Date	Dec 27th, 2024
Batch Number	213454
Storage Temperature	2 to 8 °C
Molecular Weight	337.35

	Specification	CofA
Specific rotation	-9 to -14	-11.05
Heavy metals	<20ppm	Conforms
Loss on Drying	<1.0%	0.05%
Assay	98 - 102%	99.65%
Residue on Ignition	<0.2%	0.03%
Total Impurities	<1.0%	0.05%
Appearance	White crystalline powder	White crystalline powder
Any unknown impurity	<0.5%	0.05%



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Product Name	Protionamide
Product No	89981934
CAS Number	14222-60-7
Expiry Date	Feb 11th, 2024
Batch Number	238005
Storage Temperature	-15 to -20 °C
Molecular Weight	180.27

	Specification	CofA
Melting Point	140~143°C	140~143°C
Heavy metals	≤20ppm	≤20ppm
Assay	99%~101%	99.4%
Sulphated Ash	≤0.1%	≤0.1%
Appearance	Off-white-Yellow, powder, crystal or crystalline powder	Yellow crystalline powder



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Technical Data Sheet

Product Name	Bedaquiline
Product No	90024262
CAS Number	843663-66-1
Expiry Date	Jun 21st, 2024
Batch Number	238117
Storage Temperature	Ambient
Molecular Weight	555.5047

	Specification	CofA
Loss on Drying	<0.5%	Conforms
Individual Impurities	<0.2%	Conforms
Total Impurities	<0.6%	Conforms
Appearance	White crystal or crystalline powder	White powder
Identification B	The solution shows an absorption maximum at 230nm	Conforms
Assay (HPLC)	98.5% - 101.5%	99.3%
Identification A	IR , UV conform	Conforms

CERTIFICATE OF REGISTRATION

QUALITY MANAGEMENT SYSTEM: BS EN ISO 9001:2015

This is to certify that:

Molekula Group Incorporating Molekula Ltd, Scaffell Chemicals, Sherman Chemicals Ltd

Holds Multi-Site Certificate No: **Q8455**

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk and Research Quantities

Sites and activities are listed on the additional page(s)

For and on behalf of Interface NRM Ltd:



Dr. Gavin Jordan

Director, Interface NRM Ltd.

First Issued: 20/05/2022

Latest Issue: 20/05/2022

Expiry Date: 17/05/2025



Certificate No. Q8455

Location	Registered Activities
Molekula Group Incorporating Molekula Ltd, Scafell Chemicals, Sherman Chemicals Ltd Lingfield Way, Darlington, DL1 4XX, United Kingdom	Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk and Research Quantities
Molekula Group Incorporating Molekula Ltd, Scafell Chemicals, Sherman Chemicals Ltd Molekula Americas Melbury Business Park Shaftesbury Dorset SP7 0AF United Kingdom	Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk and Research Quantities

First Issued: **20/05/2022**
 Latest Issue: **20/05/2022**
 Expiry Date: **17/05/2025**

CERTIFICATE OF REGISTRATION

ENVIRONMENTAL MANAGEMENT SYSTEM: BS EN ISO 14001:2015

This is to certify that:

**Molekula Group Incorporating Molekula Ltd, Scaffell Chemicals,
Sherman Chemicals Ltd**

Holds Multi-Site Certificate No: **E8455**

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

**Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk
and Research Quantities**

Sites and activities are listed on the additional page(s)

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Certificate No.E8455

Location	Registered Activities
Molekula Group Incorporating Molekula Ltd, Scafell Chemicals, Sherman Chemicals Ltd Lingfield Way Darlington DL1 4XX United Kingdom	Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk and Research Quantities
Molekula Group Incorporating Molekula Ltd, Scafell Chemicals, Sherman Chemicals Ltd Molekula Americas Melbury Business Park Shaftesbury Dorset SP7 0AF United Kingdom	Manufacturer and Distributor of Fine Chemicals and Biochemicals in Semi-Bulk and Research Quantities

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Specification

Technical Data Sheet

Product Name	Delamanid
Product No	90026659
CAS Number	681492-22-8
Storage Temperature	-15 to -20 °C
Molecular Weight	534.48
	Specification
Assay	≥ 98.0%
Appearance	White to off-white powder
Identification (IR)	Conforms to Reference