


Certificate of Analysis

Catalog Number	BP16201
Product Name	Zinc pyrithione

Physical and Chemical Properties

Synonyms	OM-1563
CAS No.	13463-41-7
Chemical Formula	C ₁₀ H ₈ N ₂ O ₂ S ₂ Zn
Molecular Weight	317.69
Solubility	DMSO: 28 mg/mL (88.1 mM) Ethanol: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Zinc pyrithione, an antibacterial and antifungal agent can disrupt membrane transport by blocking the proton pump.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure

Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.
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Purdue Bioscience Inc.

750 50th St, Brooklyn, NY 11220, USA

<https://www.purduebio.com>

1-877.618.7311

info@purduebio.com

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Purdue Bioscience Inc.