

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 37877 |
| Product | Fluconazole |
| Lot Number | 002197-220103 |
| | 2-(2,4-Difluorophenyl)-1,3-bis(1 <i>H</i> -1,2,4-triazol-1-yl)propan-2-ol |
| CAS Number | 86386-73-4 |
| Molecular Formula | C ₁₃ H ₁₂ F ₂ N ₆ O |
| Molecular Weight | 306.28 |

| | |
|----------------------------|---|
| Appearance | White crystalline powder |
| Solubility | Passes test |
| Heavy Metals | < 20 ppm |
| Anion | Chlorides : < 0.3% |
| Infrared Spectrum | Conforms to structure |
| Loss on Drying | 0.19% |
| Residual Solvents | Methanol : 261 ppm Acetone : 209 ppm Toluene : 201 ppm Isopropyl alcohol : Not detected Methylene chloride : Not detected Ethyl acetate : Not detected |
| Related Substances | Impurity A, Impurity B : 0.01% Impurity C : Not detected Any other unknown impurity : 0.05% Total unknown impurities : 0.13% Total impurities : 0.32% HPLC (RRT 0.6) : 0.15% |
| Residue On Ignition | 0.05% |
| Assay | 99.8% |
| Storage | Store at RT |

Certificate of Analysis

Catalog Number: 37877

Lot Number: 002197-220103

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager