

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

Catalog Number	10582
Product Name	2-(2-Furoyl)-4(5)-(2-furanyl)-1H-imidazole FFI
Lot Number	507884
Molecular Formula	C ₁₂ H ₈ N ₂ O ₃
Molecular Weight	228.21
Appearance	Yellow powder
Solubility	Yellow solution (50 mg/ml in CHCl ₃ /Trifluoroethanol)
Melting point	184 °C
Identification (FAB-MS)	[M+H] ⁺ : m/z = 229 u
CHN Analysis	
Elemental Analysis (Theory)	C 63.16% H 3.53% N 12.28%
Elemental Analysis (Found)	C 63.07% H 3.65% N 12.09%
Identification (TLC)	Complies with authentic material
Assay by TLC	> 99%
Chloroform/methanol/acetic acid 90/8/2	Detected by: UV 366nm, UV 254nm, Chlorine-Tolidine, Pauly
Ethylacetate/Hexane 4/5	
Storage	Store at -0°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

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



Sashi Kumar

Quality Control Manager