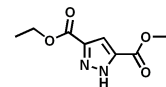


Certificate of Analysis

Date of Manufacture: 2011-08-29
Batch No: A20110829

Date of Analysis: 2011-08-30

Catalog No.: HID1225
Product Name: Diethyl 3,5-pyrazoledicarboxylate
Formula: $C_9H_{12}N_2O_4$
Molecular Weight: 212.20
CAS Number: 37687-24-4



Items	Specifications	Results of Analysis
Appearance:	Pale yellow liquid	Pale yellow liquid
¹ H-NMR:	Consistent with structure	Consistent with structure
Assay (HPLC):	98.0%min	98.1%
Water Content (KF):	≤0.5%	0.30%

Storage: Room Temperature, Dry
Origin of Country: P. R. China