

# Chem-Impex International, Inc.

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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 01726  
**Lot Number** 002574-38  
**Product** **4-Dimethylaminoazobenzene**

*N,N*-Dimethyl-4-phenylazoaniline

Methyl yellow

**CAS Number** 60-11-7  
**Molecular Formula** C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>  
**Molecular Weight** 225.3

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**Appearance** Yellow powder  
**Melting Point** 114 °C  
**Anion** Chloride content: 0.1%  
**Visual Transition Range** pH 2.9 (Red), pH 4.9 (Yellow)  
**Loss on Drying** 0.5%  
**Insoluble material** 0.85% (in Toluene)  
**Assay** 99.2%  
**Grade** Indicator  
**Storage** Store at RT  
**Additional Information** Lambda max at 408 ± 0.2 nm: 1.05 Absorbance value  
**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