

## Certificate of Analysis

Product Name:

Carbazole -  $\geq 95\%$  (GC)

Product Number:

C5132

Batch Number:

BCCN1607

Brand:

SIGMA

CAS Number:

86-74-8

Formula:

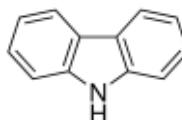
C<sub>12</sub>H<sub>9</sub>N

Formula Weight:

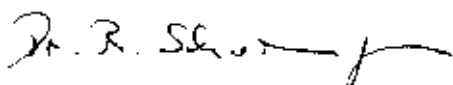
167,21 g/mol

Quality Release Date:

22 APR 2025



Test	Specification	Result
Appearance (Color)	White to Beige	Off White
Appearance (Form)	Powder	Powder
Purity (GC)	$\geq 95\%$	100 %
Solubility (Color)	Colorless to Yellow and Colorless to Brown-Yellow and Colorless to Brown	Very Faint Brown
Solubility (Turbidity) 50 mg/ml in Acetone	Clear to Very Hazy	Hazy
Carbon Content	84.5 - 87.9 %	86.0 %
Nitrogen Content	8.1 - 8.5 %	8.4 %
Infrared Spectrum	Conforms to Structure	Conforms



Dr. Reinhold Schwenninger

Quality Assurance

Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

