



Version	00
Molecular weight	242.28
Quality Test / Release Date	12/20/2019
Molecular Formula	C13 H14 N4 O
CAS No	140-22-7
Linear Formula	
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	15884	Quality Test / Release Date 12/20/2019
Lot Number	A0415201	
Description	sym-Diphenylcarbazine, 98%, ACS reagent	
Country of Origin	CHINA	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to off-white	Off-white
Appearance (Form)		Powder or crystals	Powder
Infrared spectrum		Conforms	Conforms
Melting point		173°C to 176°C	173°C
HPLC		≥97.5 %	98.3 %
Sulfated ash		≤0.05 %	≤0.05 %
Solubility		(in aqueous acetone) Passes test	(in aqueous acetone) Passes test
Sensitivity		(to chromate) Passes test	(to chromate) Passes test



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 12-23-2019

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