



## Specification

### Diphenylcarbazone

**Catalog Number:** DC1003  
**CAS Number:** 538-62-5  
**Synonym(s):** (Phenylazo)formic Acid 2-Phenylhydrazide  
Compound with 1,5-Diphenylcarbohydrazide; "s-Diphenylcarbazone"  
**Molecular Formula:** C<sub>6</sub>H<sub>5</sub>N=NCONHNHC<sub>6</sub>H<sub>5</sub>  
**Molecular Weight:** 240.27

Test	Specification
Appearance:	Orange Crystalline Powder
Identification:	To conform to standard
Residue after Ignition:	0.1% maximum
Melting Point:	149-160° C
Sensitivity:	To pass test
Solubility in Acetone:	To pass test
For Colorimetric Analysis	
Analytical reagent for metals and reagent with arylmercuric chlorides.	

Approved:

Date: April 15, 2020

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)