

2602 – 1, 5-DIPHENYL CARBAZIDE AR GRADE

REF NO: TBL/QA/SS/LC/2602	STANDARD SPECIFICATION FOR 1, 5-DIPHENYL CARBAZIDE AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 2602

PRODUCT PROPERTIES

C.A.S Number	140-22-7
Chemical Formula	C ₁₃ H ₁₄ N ₄ O
Formula weight	242.28
Functional Uses	<p>1,5-Diphenylcarbazide may be used in the following processes:</p> <ul style="list-style-type: none"> As a reagent for the quantification of palladium and platinum by spectrophotometry. As a mediator for the functionalization of carbon paste electrodes employed in the estimation of Hg (II) ions by differential pulse voltammetry.
Standard Packaging	25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Off white to pink to beige powder or crystal.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	171 – 173°C
Sulphated Ash	NMT – 0.05%
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

