

## 1845 – 2, 4-DINITROPHENYLHYDRAZINE, EXTRA PURE

REF NO: TBL/QA/SS/LC/1845	<b>STANDARD SPECIFICATION FOR 2, 4- DINITROPHENYLHYDRAZINE, EXTRA PURE</b>	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 1845

### PRODUCT PROPERTIES

C.A.S Number	119-26-6
Chemical Formula	C <sub>6</sub> H <sub>6</sub> N <sub>4</sub> O <sub>4</sub>
Formula weight	198.14
Functional Uses	2,4-Dinitrophenylhydrazine has been used as a reagent to detect the presence of aldehydes and ketones in protein carbonyls. It may be used as a colorimetric reagent in the quantitative estimation of prednisone.
Standard Packaging	25 gm, 100 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Reddish orange crystals or powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	199 – 202°C
Residue on ignition	NMT – 0.1%
Assay	NLT – 99.0%

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

