

## 1542 – MORIN DIHYDRATE, AR GRADE

REF NO: TBL/QA/SS/LC/1542	STANDARD SPECIFICATION FOR 3-MORIN DIHYDRATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 1542

### PRODUCT PROPERTIES

C.A.S Number	6472-38-4
Chemical Formula	$C_{15}H_{10}O_7 \cdot 2H_2O$
Formula weight	338.27
Functional Uses	Morin has been utilized in fluorescent microscopy as a fluorescent nuclear stain and as an application to detect aluminium in the brain by demonstrating metal salts..
Standard Packaging	1 gm. & 5 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Pale yellow crystalline powder.
Solubility	Freely soluble in alcohol. Slightly soluble in ether acetic acid. Very slightly in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	299 - 300°C

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

