

## 2534-2-2 BIPYRIDYL (2,2-DIPYRIDYL) AR GRADE

REF NO: TBL/QA/SS/LC/2534	STANDARD SPECIFICATION FOR 2-2 BIPYRIDYL (2,2-DIPYRIDYL) AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 2534

### PRODUCT PROPERTIES

C.A.S Number	366-18-7
Chemical Formula	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub>
Formula weight	156.18
Functional Uses	2,2'-Bipyridyl has been used in the preparation of copper(II)-bipyridine-naringenin complex. It may be used in the preparation of 2,2'-bipyridyl hydrobromide.
Standard Packaging	5 gm, 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility 1% soln. in 5N HCl	Clear solution.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	68 – 71°C
Sulphated Ash	NMT – 0.25%
Sensitivity for Iron (Fe)	Passes test
Assay	NLT – 99.5%

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

