

## CM 23,395 – VITAMIN B<sub>4</sub> (ADENINE 99%), (6 AMINOPURINE)

### PRODUCT PROPERTIES

C.A.S Number	73-24 -5
Chemical Formula	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub>
Formula weight	135.13
Functional Uses	Adenine 99% is used as a nucleic acid base supplement in the basal media used to grow anaerobic Bacillus mojavensis and Bacillus subtilis in a study to show that DNA or deoxyribonucleosides are required for the anaerobic growth of these bacteria.
Standard Packaging	5 gm., 25 gm. & 1Kg.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss On Drying	NMT – 0.5%
Calcium (Ca)	NMT – 0.001%
Iron (Fe)	NMT – 0.0005%
Ash	NMT – 0.05%
Assay	NLT – 99.0%

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

