

## Guanine, For Molecular Biology

**MB213**


### Product Identifier

CAS No.	:	73-40-5
EC No.	:	200-799-8
Molecular Formula	:	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O
Molecular Weight	:	151.13
HS Code	:	2933 59 90
Storage	:	2 - 8°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to yellow to cream crystals or powder
Solubility	:	10 mg soluble in 1 mL of hot dilute hydrochloric acid
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern.
Loss on drying (at 105°C, 2 hr)	:	<= 1.00%
Assay (HPLC/NT, dry basis)	:	98.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	MF8260000
WGK	:	1