

CMS645 Ampicillin sodium salt**Product Number Packing**

CMS645	: 1G
CMS645	: 5G

Product Information

Product Code	: CMS645
Product Name	: Ampicillin sodium salt
Synonym	: D-(-)- α -Aminobenzylpenicillin sodium salt
Molecular Formula	: $C_{16}H_{18}N_3NaO_4S$
Molecular Weight	: 371.39
CAS No.	: 69-52-3
EC No.	: 200-708-1
HS Code	: 2941 10 00
Shelf Life	: 3 years

Technical Specification

Appearance	: White to light yellow hygroscopic crystals or powder or solid
Solubility	: 100 mg soluble in 1 mL of water
pH (10% in water at 20°C)	: 8.0 - 10.0
Specific rotation [α 20/D]	: +258° to +287° (c = 0.25% in 0.4% potassium hydrogen phthalate)
Water (K.F.)	: \leq 2.0%
Melting range	: ~215°C (dec.)
Assay (HPLC)	: 91.00 - 100.50 %

GHS Safety Information

Hazard Statement(s)	: H317-H334
Precautionary Statement(s)	: P261-P280-P342+P311
Signal Word	: Danger
Hazard Pictogram(s)	

**Risk and Safety Information**

R-Phrase(s)	: 42/43
S-Phrase(s)	: 22-36/37-45
WGK	: 2
RTECS	: XH8400000
Storage Temperature(°C)	: Store at 2 - 8°C

Hazard Symbol(s)



Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods