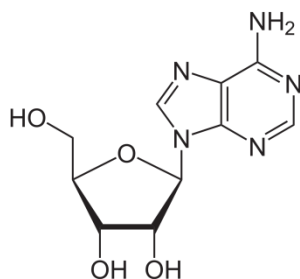


Technical Data Sheet

SFG Adenosine

Adenosine
CAS# 58-61-7



Mol. wt. 267.2413
Formula C₁₀H₁₃N₅O₄

Feature

- Anti-wrinkle effect
- Promoting cell differentiation
- Wound healing

Description

Adenosine is the basic back bone of human phosphate energy systems such as ADP and ATP. SFG Adenosine penetrates deeply into the skin to help prevent wrinkles, reduce UV sun damage.

Specifications

Item	Specification
Appearance	White or almost white crystalline powder
Assay (%)	99.0 ~ 101.0
Loss on drying (%)	Max. 0.5
Residue on ignition (%)	Max. 0.1
Melting point (°C)	233.0 ~ 238.0
Specific rotation (°)	-68.0 ~ -72.0
pH	Solution with ≤ 0.3mL, 0.01N NaOH is bluish violet Solution with ≤ 0.1 mL, 0.01N HCl is yellow
Heavy metlas (%)	Max. 0.001
Chloride (%)	Max. 0.007
Sulfate (%)	Max. 0.02
Ammonium (%)	Max. 0.0004
Guanosine (%)	Max. 0.1
Inosine (%)	Max. 0.1
Uridine (%)	Max. 0.1
Adenine (%)	Max. 0.2
Other amino acids (%)	Max. 0.5

Applications

SFG Adenosine has excellent effective function for skin such as anti-wrinkle effect and wound healing. Hence, it can be applied to creams, lotions, eye-creams and etc.

Storage

Store in a cool and dry place. Keep container closed when not in use.

Shelf life

2 years