

Ibuprofen Lysine Medicine-Grade API

Cat. No. CEGZ-6024

Lot. No. (See product label)

Introduction

Description	Ibuprofen lysine is a medicine-grade active pharmaceutical ingredient with a stated purity of 99%.
Applications	Antipyretic and analgesic pharmaceutical applications.
Synonyms	Ibuprofen Lysine

Product Information

Appearance	White crystalline powder or colorless crystals listed in certificate section
Form	Powder
CAS No.	57469-77-9
Molecular Formula	Ibuprofen: $C_{13}H_{18}O_2$ Arginine: $C_6H_{14}N_4O_2$
Chemical Name	Ibuprofen Lysine
Purity	99%
Contaminants	Heavy metals: <20 ppm Heavy metals in certificate section: $\leq 0.001\%$, result <0.001% Impurity B: $\leq 0.3\%$ Any other impurity: $\leq 0.3\%$ Total impurities apart from impurity B: $\leq 0.7\%$ Impurity F: $\leq 0.1\%$ Sulphated ash: $\leq 0.1\%$, result 0.02%
Function	Used to relieve pain, tenderness, swelling, and stiffness caused by osteoarthritis and rheumatoid arthritis. Also used to relieve mild to moderate pain, including menstrual pain. Nonprescription ibuprofen is used to reduce fever and relieve mild pain from headaches, muscle aches, arthritis, menstrual periods, the common cold, toothaches, and backaches.
Melting Point	167°C listed for ibuprofen lysine; certificate section lists 75-78°C with result 77°C for ibuprofen
Grade	Medicine grade

Usage and Packaging

Package	8 kg/tin; 10 kg/tin
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