

Specification

Technical Data Sheet

CAS

35285-69-9

STORAGE

Ambient

MOLECULAR WEIGHT

202.18

PRODUCT

Propyl-4-hydroxybenzoate sodium salt (Pharma Grade)

Product number	90035079
CAS number	35285-69-9
Molecular formula	C10H11NaO3
Molecular weight	202.18 g/mol

PARAMETER

SPECIFICATION

Appearance	White to Off-white powder
Assay (HPLC)	95.0 - 102.0%
Melting Point	96 - 99°C
pH	9.5 - 10.5 (0.1% w/w)
Water	≤ 5.0%
Cadmium (Cd)	≤ 0.001%
Chloride (Cl-)	≤ 0.03%
Heavy Metals (Pb)	≤ 0.001%
n-pentanol	≤ 5000ppm
Related Substances	4-Hydroxybenzoic acid (PHBA): ≤ 4.0%
Residual Solvents: Methanol	≤ 3000ppm
Arsenic (As)	≤ 0.0003%
Copper (Cu)	≤ 0.001%
Identification (IR)	Conforms to Reference
Lead (Pb)	≤ 0.0005%
Mercury (Hg)	≤ 0.00001%

PARAMETER	SPECIFICATION
Single Largest Impurity	≤ 0.5% (excluding PHBA)
Sulphated ash (%w/w)	34.0 - 36.0%
Sulphates (SO ₄)(2-)	≤ 0.03%
Sum of all impurities	≤ 1.0% (excluding PHBA)
Zinc (Zn)	≤ 0.001%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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