

Specification

Technical Data Sheet

CAS

2392-39-4

STORAGE

Ambient

MOLECULAR WEIGHT

516.40

PRODUCT

Dexamethasone sodium phosphate

Product number 90027902

CAS number 2392-39-4

Molecular formula C₂₂H₂₈FN₂O₈P

Molecular weight 516.40 g/mol

PARAMETER

SPECIFICATION

Appearance

White or slightly yellow crystalline powder

Assay

97.0% ~ 102.0%

pH

7.5 ~ 10.5

Water

≤16.0%

Ethanol

≤8.0%

Free Inorganic Phosphates

≤1.0%

Identification: reaction of phosphate

Conforms to standard

Identification: reaction of sodium

Conforms to standard

Related substances: Dexamethasone

≤1.0%

Related substances: Individual impurities

≤1.0%

Related substances: Total impurities

≤2.0%

Solubility

Freely soluble in water, slightly soluble in alcohol, very slightly soluble in dioxane, insoluble in chloroform and in ether

Specific optical rotation

+74° ~ +82°

Identification (TLC)

Conforms to standard

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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