

Specification

Technical Data Sheet

CAS 66592-87-8	SPECIFICATION v1 · 06 Oct 2026	STORAGE Ambient	MOLECULAR WEIGHT 381.4
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PRODUCT**Cefadroxil**

Product number	90030209
CAS number	66592-87-8
Molecular formula	C16H17N3O5S
Molecular weight	381.4 g/mol

PARAMETER	SPECIFICATION
Appearance	White or off white crystalline powder
Assay	950-1050 ug/mg / $\geq 95.0\%$
Heavy metals	$\leq 20\text{ppm}$
pH	4.0 - 6.0
Single Impurity	$\leq 1.0\%$
Specific rotation	$+165^{\circ} + 178^{\circ}$
Water	4.2 - 6.0%
Related substances 7-ADCA	$\leq 1.0\%$
Residual Solvents	N,N-Dimethylaniline Complies
Total Impurities	$\leq 3.0\%$

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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