

Specification

Technical Data Sheet

CAS 9014-01-1	STORAGE -15 to -20 &deg;C	MOLECULAR WEIGHT N/A
--------------------------------	--	---------------------------------------

PRODUCT**Proteinase from bacillus licheniformis, Protease Type 24, 7.0-14.0 units/mg solid, lyophilized powder**

Product number	90032420
CAS number	9014-01-1
Molecular formula	N/A
Molecular weight	N/A g/mol

PARAMETER	SPECIFICATION
Appearance	White to Light Tan, Light Beige Powder
Enzyme Activity: One unit will hydrolyze casein to produce color equivalent to 1.0 μmole of tyrosine per minute, pH 7.5, 37 deg C (color per Folin Ciocalteu reagent)	7.0 - 14.0 units/mg
pH Optima	7.0 - 7.5
pH Stability	5.5 - 10.0
Temperature Optima	60°C
Temperature Stability	< 60°C
DNase Activity	$\leq$ 1.4 units/mg
RNAse Activity	$\leq$ 0.05 units/mg

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.