

# Certificate of Analysis



## Product Identification

Catalog number	HB3428
Compound name	Pam3CSK4
Amino acid sequence	CSKKKK
Modifications	Cys = S-[2,3-Bis(palmitoyloxy)-(2-R/S)-propyl]-N-palmitoyl]-Cys
Batch number	E2090-1-1
Batch molecular formula	C <sub>61</sub> H <sub>156</sub> N <sub>10</sub> O <sub>13</sub> S
Batch molecular weight	1510.24

Method	QC requirement	QC Result
<b>HPLC</b>	Reverse Phase HPLC shows >95% purity	Meets specification: 95.2%
<b>Peptide content</b>	Peptide content between 60 % and 100 %	Meets specification: 70.4%
<b>Mass spectrum</b>	Mass spec analysis consistent with structure	Meets specification
<b>Physical appearance</b>	White to off-white solid	Meets specification: White solid
<b>Solubility</b>	Soluble in water (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

27/09/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.