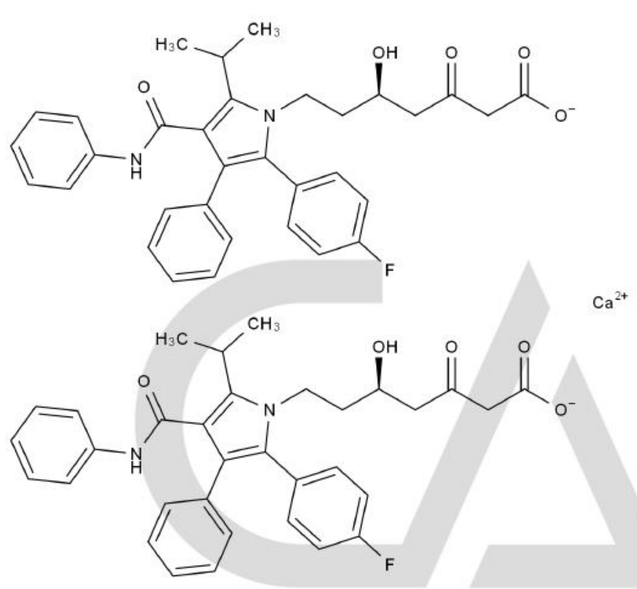
Certificate of Analysis

Reference Material & Standard

Product Name:	3-Oxo Atorvastatin Calcium salt	**Catalogue Number:**	C4X-113246
Synonyms:	N/A	**Lot Number:**	1218-RE-0038
CAS Number:	887196-30-7 (free base)	**Expiry Date:**	Nov 23, 2028
Molecular Formula:	$2*C_{33}H_{32}FN_2O_5$ Ca	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*555.62 40.08		

Warning:

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.439%
Loss on Drying	TGA	7.017%
Assay		88.7%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Lily Date: Dec 18, 2023

Reviewed by: Hinlam Date: Dec 19, 2023

Approved by General Manager: David Date: Dec 19, 2023