

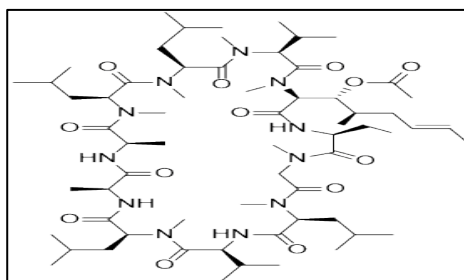
Analysis Date: 14-06-2025

Re-test Date: 14-06-2028

## CYCLOSPORIN A O-ACETYL IMPURITY

### Identification

<b>Chemical Name</b>	: Cyclo[(E)-(2S,3R,4R)-3-acetyloxy-4-methyl-2-(methylamino)-6-octenoyl]-L-2-aminobutyryl-N-methylglycyl-N-methyl-L-leucyl-L-valyl-N-methyl-L-leucyl-L-alanyl-D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl]
<b>CAT No</b>	: ALL-A04048
<b>CAS No</b>	: 83602-41-9
<b>Molecular Formula</b>	: C <sub>64</sub> H <sub>113</sub> N <sub>11</sub> O <sub>13</sub>
<b>Molecular Weight</b>	: 1244.65



### Analytical Information

<b>Batch No.</b>	: ALL-A04048	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.10 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.307 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.415 %		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.415 + 0.307) \times 98.00] / 100 = 97.10 \%$$

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office