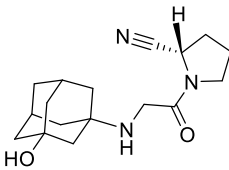


# Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
315140	Vildagliptin	TZC60614

<b>Chemical name</b>	
(S)-1-(2-(((1s,3R,5R,7S)-3-hydroxyadamantan-1-yl)amino)acetyl)pyrrolidine-2-carbonitrile	
<b>Synonyms</b>	
LAF237; LAF-237; LAF 237; DSP 7238; DSP-7238; DSP7238; Vildagliptin; trade name: ZOMELIS	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 315140 Name: Vildagliptin CAS#: 274901-16-5 Lot#: TZC60614 Chemical Formula: C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub> Exact Mass: 303.19468 Molecular Weight: 303.41

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO.
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Self life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**