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CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Eluxadoline HCL	<b>CAS No.</b>	864821-90-9
<b>Batch No.</b>	P010462817A	<b>Mfg. Date</b>	Apr. 12, 2017
<b>Quantity</b>	5Kg	<b>Retest Date</b>	Apr. 11, 2019
<b>Packing</b>	5kg/Drum	<b>Report Date</b>	Apr. 18, 2017
<b>Specification</b>	Enterprise Standard		

ITEM	SPECIFICATION	RESULT
<b>Appearance</b>	White to light yellow powder	Complies
<b>Identification</b>	A) HPLC: The principal peak in the chromatogram obtained with the test solution is similar in position to the principal peak in the chromatogram obtained with reference solution. B) IR: Conform to the spectrum obtained with the reference standard.	Complies
<b>Loss on Drying</b>	≤2.0%	0.21%
<b>Residue on Ignition</b>	≤0.2%	0.09%
<b>Heavy Metals</b>	≤20ppm	Complies
<b>Assay(Anhydrous basis)</b>	98.5%-102.0%	99.7%
<b>Related Substances</b>		
Enantiomer	≤0.50%	Undetected
Any other Impurity	≤0.10%	0.04%
Total Impurities	≤1.0%	0.2%
<b>Residual Solvents</b>	Meet the requirements	Complies
<b>Conclusion</b>	The product conforms to Enterprise Standard.	
<b>Remarks</b>	N/A	

Analyst:

QC Manager:

QA: