

Certificate of Analysis

LEVODOPA

Material no:	10018770	Date of issue:	11-Mar-2009
Batch no:	AX160	Date of Manufacture:	17-Nov-2008
Analysis no:	07406929		
		Batch size:	1950.000 KG
Place of Manufacture / Supplier: DAIICHI SANKYO CHEMICAL INDUSTRIES LTD., JAPAN			

Test	Result
Appearance	crystalline powder
Colour	white
Identity	corresponds
Clarity of a sol. 4 perc. (m/V)	
in HCl 1M (FTU)	0.7 FTU
in HCl 1M	clear
Colour of a sol. 4 perc. (m/V)	
in HCl 1M	B9 Ph. Eur.
pH of a susp. 1 perc. (m/V)	
in H ₂ O	5.8
Spec.op.rot.(dried)589nm,25°,c=2.0,L=1dm	
in HCl 1N / methenamine solution	-163 °
Loss on drying	0.1 %
Sulphated ash	<0.1 %
Heavy metals	<10 ppm
Related substances Liquidchromatography	
D-Dopa	0.11 %
3-(3,4,6-Trihydroxyphenyl)-alanine	<0.05 %
L-Tyrosine	<0.05 %
3-Methoxytyrosine	nd<0.05 %
Veratrylglycine	nd<0.05 %
Impurity	
Other related subs.	each <0.05 %
Sum of other related substances	0.00 %
Sum of all related substances	
(without D-Dopa)	0.00 %

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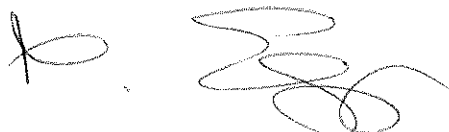
Batch size: 1950.000 KG

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Test	Result
Assay (dried)	
Titrimetric	99.9 %
Liquid chromatographic	100.0 %

This batch was analysed and released on Feb 27, 2009 by our authorised Quality Control and Assurance Department and was found to meet the specifications.

F. HOFFMANN-LA ROCHE LTD



F. Hoffmann-La Roche Ltd.
Basel, Switzerland
Dr. Notker Egger