



NEWMIND
47 W. Polk St. STE 100-241
Chicago, IL 60605

newmind@newmind.com
www.newmind.com

CERTIFICATE OF ANALYSIS

Centrophenoquine
(2-dimethylaminoethyl (4-chlorophenoxy)acetate hydrochloride)

Material Lot #: 2017018 Manufacture Date: 11/09/2017
Country of Origin: China Retesting Date: 12/05/2020

Analysis	Claim	Result
Centrophenoquine	>98.0%	98.0%

Test	Claim	Result
Identification	Proton NMR spectrum conforms to structure.	Conforms
Assay	>98% by LCMS	98.4%

Centrophenoquine should be stored at or below room temperature in a tightly sealed durable container. Centrophenoquine should be protected from excess heat, direct sunlight, excess humidity and moisture. Centrophenoquine has a stable shelf life of 3 years from the date of testing when properly stored.



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Synaptent LLC
47 W. Polk ST, STE 100-241
Chicago, IL 60605

Product Name	Centrophenoquine	Product Lot #	2017018
Report Date	12/06/2017	Laboratory #	9543

Description	Test Method	Results
Identification	1H-NMR	Conforms
Assay	HPLC	101.2%
Lead	ICP-MS USP<730>	0.504ppm
Arsenic	ICP-MS USP<730>	0.001ppm
Cadmium	ICP-MS USP<730>	0.035ppm
Mercury	ICP-MS USP<730>	0.004ppm

Peter Yoho PhD
QA Auditor

12/06/2017

Date

12/6/17

1H NMR of centropentoxine
in DMSO
Lot # 9543
Colmaric Analytical
400 MHz
12-5-17

Current Data Parameters
NAME Dec05-2017-colmaric
EXPNO 4
PROCNO 1
F2 - Acquisition Parameters
Date_ 20171205
Time 12.46
INSTRUM spect
PROBHD 5 mm PABBO BBO
PULPROG zgpg30
TD 32768
SOLVENT DMSO
NS 32
DS 8
SWH 3200.333 Hz
FIDRES 0.158946 Hz
AQ 3.1437281 sec
RG 71.8
SW 71.8
DS 96.000 usec
DE 23.41 usec
TE 298.0 K
D1 1.5000000 sec
TDO 1
CHANNEL F1
NUC1 1H
P1 11.28 usec
PL1 -2.50 dB
PL12 18.25869598 W
SFO1 400.136007 MHz
F2 - Processing parameters
SI 32768
SF 400.1360067 MHz
WDW EM

