



CERTIFICATE OF ANALYSIS

PRODUCT NAME Serotonin- $\alpha,\alpha,\beta,\beta$ -d₄ Creatinine Sulfate Complex
PRODUCT NO. D-1550
LOT NO. E344P60
DATE: November 2013

N.M.R.

Specification: 98 atom % D

Result: 99.1 atom % D

HPLC:

Specification: 98% chemical purity

Result: 98.4% chemical purity

Melting Point:

215-218°C

A handwritten signature in black ink, appearing to read 'Ying Cao', is written over a horizontal line.

Ying Cao, MSc
Quality Control Manager

Expiration: *Stable for three years after receipt of order if stored under recommended conditions (see section 7 of MSDS). After three years, the compound should be re-checked for chemical purity before use.*