



CERTIFICATE OF ANALYSIS

PRODUCT NAME DL-Glutamic-2,4,4-d₃ Acid
PRODUCT NO. D-1196
LOT NO. X248P17
DATE: November 2013

N.M.R.

Specification: 98 atom % D

Result: 98.6 atom % D

HPLC:

Specification: 98% chemical purity

Result: >99% chemical purity

Melting Point:

183-184°C

A handwritten signature in black ink, appearing to read 'Ying Cao', is positioned above 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.*

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