|  | Macrocyclics Certificate of Origin |
| :---: | :---: |
| General Product Data |  |
| Product: | $p-\mathrm{NH}_{2}$-Bn-DOTA-tetra(t-Bu ester) |
| Scientific Nam | (S)-2-(4-Aminobenzyl)-1,4,7,10-tetraazacyclododecane tetra(t-butyl acetate) |
| Catalog Num | B201 |
| CAS Number | 446061-19-4 |
| Theoretical F | ula: $\mathrm{C}_{39} \mathrm{H}_{67} \mathrm{~N}_{5} \mathrm{O}_{8} \cdot$ TFA |
| Theoretical | ula Weight: $848.0 \mathrm{~g} / \mathrm{mol}$ |
| Country of O | : United States |
| Product is of | thetic Origin: Yes |
| Genetically M | fied Organisms Used: No |
| Allergenic Ma | ials (including latex) Used: No |
| Nitrosamines: | trosamines are not used in the manufacturing process. |
| Melamine: M | mine is not used in the manufacturing process. |
| BSE/TSE Co from bovine or not been in co | ent: The manufacturing process does not use any raw material derived directly y other animal/plant material. Furthermore, the manufacturing equipment has t with bovine or any other animal/plant material. |
| This information faith. For further | nsidered accurate and reliable as of the date appearing on this document. It is presented in good tions, please contact Macrocyclics Inc. at 469-786-6060. |
| Version: 1 / 02-14 |  |



Garry Kiefer, Ph.D.
CEO
Macrocyclics, Inc.
700 Klein Rd.
Plano TX 75074

