

CERTIFICATE OF ANALYSIS

Product Name: Tributylmethylphosphonium
methylsulfate

CAS Number: 69056-62-8

Product Number: IN-0013-TG

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Salzstrasse 184
D-74076 Heilbronn
Germany
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Fax: +49-(0)7131-89839-109
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Analysis:

| | Specification | |
|---------------------------|----------------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >95% | |
| Appearance | Yellow to orange liquid | |
| Date | 02.01.2008 | |