



| Year  | Author   | Test Type/System                                                      | Result        | Glyphosate* | Formulated GBH*                                                                             | Studies Cited in MON or Other Reviews | Regulatory | Public Literature | IARC 2017 | All Regulatory | All Public Literature | Comments | Citation** |
|-------|----------|-----------------------------------------------------------------------|---------------|-------------|---------------------------------------------------------------------------------------------|---------------------------------------|------------|-------------------|-----------|----------------|-----------------------|----------|------------|
| 2008  | Lope     | <i>S. typhimurium</i> (4 strains)                                     | Negative ± S9 |             | MON 79672 (Roundup Ultramax) 68.2% glyphosate                                               | x                                     | x          |                   |           | x              |                       |          |            |
| 2008a | Mecchi   | <i>S. typhimurium</i> (4 strains), <i>Escherichia coli</i> (1 strain) | Negative      |             | MON 79864 (38.7% glyphosate acid)                                                           |                                       | x          |                   |           | x              |                       |          |            |
| 2008b | Mecchi   | <i>S. typhimurium</i> (4 strains), <i>Escherichia coli</i> (1 strain) | Negative      |             | MON 76313 (30.9% glyphosate acid)                                                           |                                       | x          |                   |           | x              |                       |          |            |
| 2008c | Mecchi   | <i>S. typhimurium</i> (4 strains), <i>Escherichia coli</i> (1 strain) | Negative      |             | MON 76171 (31.1% glyphosate)                                                                | x                                     | x          |                   |           | x              |                       |          |            |
| 2009  | Camolesi | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | Glyphosate liquid formulation (480 g/L isopropylamine salt)                                 | x                                     | x          |                   |           | x              |                       |          |            |
| 2009  | Catoyra  | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | MON 76190 (53.2% glyphosate)                                                                | x                                     | x          |                   |           | x              |                       |          |            |
| 2009a | Mecchi   | <i>S. typhimurium</i> (4 strains), <i>Escherichia coli</i> (1 strain) | Negative      |             | MON 79991 (71.6% glyphosate acid)                                                           |                                       | x          |                   |           | x              |                       |          |            |
| 2009b | Mecchi   | <i>S. typhimurium</i> (4 strains), <i>Escherichia coli</i> (1 strain) | Negative      |             | MON 76138 (38.5% glyphosate)                                                                | x                                     | x          |                   |           | x              |                       |          |            |
| 2010  | Camolesi | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | MON 77280 (495.29 g/La glyphosate acid)                                                     |                                       | x          |                   |           | x              |                       |          |            |
| 2010a | Flügge   | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | TROP M (Glyphosate 480) (48.46% pure)                                                       | x                                     | x          |                   |           | x              |                       |          |            |
| 2010d | Flügge   | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | Glyphosate 757 g/kg granular (76.1 % monoammonium glyphosate salt)                          | x                                     | x          |                   |           | x              |                       |          |            |
| 2011  | Silvino  | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | MON 8709 495 g/L glyphosate isopropylamine salt; 371.0 g/L (equivalent of glyphosate acid)  |                                       | x          |                   |           | x              |                       |          |            |
| 2012  | Silvino  | <i>S. typhimurium</i> (5 strains)                                     | Negative ± S9 |             | MON 76313 495 g/L glyphosate isopropylamine salt; 371.0 g/L (equivalent of glyphosate acid) |                                       |            |                   |           |                |                       |          |            |











































