

Source	Uncertainty (%)
$B^+$ mass shape for signal mode	8.6
Charged particle track reconstruction efficiency	7.8
Modeling of $p_T$ dependence of $B^+$ efficiency	5.3
$\phi$ purity	5.0
Mass distribution for the background in the signal	2.9
Uncertainty in relative efficiency of signal and normalization	2.3
Background distribution in the normalization channel	2.2
Angular distributions of $K^+K^-$ systems	1.9
$B^+$ mass shape for normalization mode	1.0
$\mathcal{B}(\phi \rightarrow K^+K^-)$ uncertainty	1.0
Total	15