

# ANALYTICAL SPECIFICATION

*Tentative*

**Issued by:** Gabriela Jandikova

**Edition no:** 0803AA\_Ex

**Approved by:** Charlotte de Belder Tesséus

**Supersedes:** -

**Valid from:** 06-2022

---

## Tetramethylrhodamine isothiocyanate mixed isomers

Catalogue No. TRITC

---

**Description:** A fluorescent dye with a molecular weight of 443.52. Supplied as a dark violet powder which is soluble in DMSO and DMF.  $E_{x_{max}} = 560$  nm.

---

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Appearance, colour</b>	Dark to very dark violet	02037
<b>Appearance, form</b>	Powder	02037
<b>Emission maximum<sup>1)</sup></b>	590±10 nm	02032
<b>Purity</b>	≥ 80 %	HPLC

---

<sup>1)</sup> Exc. 560 nm in DMSO