Certificate of Analysis

Brilliant Blue R250

Cat. No.: HY-D0232
CAS No.: 6104-59-2
Batch No.: 241702

Chemical Name: Benzenemethanaminium, N-[4-[[4-[(4-ethoxyphenyl)amino]phenyl][4-[ethyl[(3-sulfophenyl)met

hyl]amino]phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-3-sulfo-, inner salt, sodium

salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₅H₄₄N₃NaO₇S₂

Molecular Weight: 825.97

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Brown to black (Solid)

 Purity:
 ≥95.0%

 Insoluble matter:
 0.01%

 PH:
 6.53

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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