

**neoFroxx GmbH**

Marie-Curie-Str. 3  
D-64683 Einhausen

Telefon +49 (6251) 989 24-0  
info@neofroxx.com  
www.neofroxx.com

## Specification

<b>Product</b>	<b>Uridine pure EP</b>
<b>Brand</b>	Labochem

Product number	LC-10516 (revised)
Synonym(s)	Uracil-1-β-D-ribofuranoside
Formula	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>
Molecular weight	244.20 g/mol
CAS number	58-96-8
Storage	below 25°C
Retest period (months)	36

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP).

<b>Parameter</b>	<b>Specification</b>
Appearance	white to almost white crystalline powder
Assay (HPLC)	min. 99 %
Assay (spectrophotom. at 262 nm, calc. on dry basis)	min. 98 %
A250/A260	0.72 - 0.76
A280/A260	0.34 - 0.38
IR spectrum	conforms to reference spectrum
Melting range	161 - 167 °C
Transparency (430 nm, c=1 in water)	min. 98 %
Sulfated ash	max. 0.1 %
Heavy metals (as Pb)	max. 0.001 %
Loss on drying (105°C, 2 h)	max. 0.5 %

Einhausen, 28.01.2022 (revised)