



Certificate of Analysis

Product name	5-Bromo-5-nitro-1,3-dioxane
Code	# BND-D
Lot #	263786
Formula	C ₄ H ₆ BrNO ₄
CAS #	30007-47-7
Molecular weight	212.0
Purity (GC)	99,7% (manufacturer's data)
Water content (KF)	0,11% (manufacturer's data)
Melting point	59,5-60,3°C (manufacturer's data)
Formaldehyde	2 ppm (manufacturer's data)
Related substances	0,2% max - conform (manufacturer's data)

Test

Lot 263786 results

Appearance (color)	white
Appearance (form)	crystal powder with chunks
Absorbance maximum (SP)	225 nm (1% solution in 1,2-propanediol)
Solubility (method)	50 g in 10000 g H ₂ O 0,055 μS, 35°C, 3 hours mixing at 800 rpm
Solubility (color)	colorless
Solubility (transparent/turbid)	transparent
Filterability (0,2μm AC+GF)	positive
pH of the aqueous solution (0,5%)	5,50
Expiration date	06/2022++ (room temperature, tightly closed)
Manufacture date	15.05.2020
Date of QC Release	26.05.2020