

Specification

4-Nitrophenyl Phosphate Disodium Salt 6-hydrate *BioChemica*

A1442

Physical Description:	Solid
Product Code:	A1442
Product Name:	4-Nitrophenyl Phosphate Disodium Salt 6-hydrate <i>BioChemica</i>
Specifications:	Assay (HPLC): min. 98 % 4-Nitrophenol: max. 0.01 %
WGK:	1
Storage:	-20°C protected from light
Shipment:	wet ice
Molecular Formula:	$C_6H_4NNa_2O_6P \cdot 6H_2O$
M:	371.15 g/mol
CAS:	4264-83-9
EINECS:	224-246-5
CS:	29199000
Comment	In both references the substrate solution is 16 mM 4-nitrophenyl phosphate (in 2-amino-2-methyl-1-propanol ref. 2).
Bibliography	(1)Lowry, O.H. (1951) <i>Methods Enzymol.</i> 4 , 366-381Micromethods for the assay of enzymes. (2)Bretaudiere, J. & Spillman, T. (1984) <i>Methods Enzym. Anal.</i> 4 , 75-82Alkaline phosphatase, IFCC Reference method.

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