

neoFroxx GmbH

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Specification

Product	β-Glycerophosphate disodium salt pentahydrate for biochemistry
Product number	1135
Synonyms	BGP; Disodium glycerol-2-phosphate pentahydrate; Glycerol-2-phosphate disodium salt pentahydrate
Formula	$C_3H_7Na_2O_6P \cdot 5 H_2O$
Molecular weight	306.11 g/mol (revised)
CAS number	13408-09-8 (revised)
Storage	2 - 8°C
Retest period (months)	24

Parameter	Specification
Assay (total)	>= 99 %
Solubility (5 % in water)	clear, colorless
Heavy metals	<= 0.002 %
α-Glycerophosphate	<= 2 %
Water	26 - 33 %
Chloride (Cl)	<= 0.01 %
Phosphate (PO ₄) (free)	<= 0.01 %
Sulfate (SO ₄)	<= 0.01 %
Arsenic (As)	<= 0.0005 %
Calcium (Ca)	<= 0.005 %

Einhausen, 26.01.2025