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Product Information

N-Acetylneuraminic acid

Product Number **A 0812**

Storage Temperature -0 °C

Product Description

pK_a: 2.60¹

The Warren method for assay of sialic acid (NANA) using thiobarbituric acid (TBA) is described in the literature.² The TBA assay measures only free sialic acid. The TBA assay has been compared with other methods (alkali-Ehrlich) in the literature.³ The TBA method is indicated to be more sensitive and has other advantages.

Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

Preparation Instructions

This product is soluble at 50 mg/ml in water.

The product is most stable at pH 4.5 and moderately stable in mild alkali, i.e. pH 11 at 25 °C.¹

References

1. Data for Biochemical Research, 3rd ed., Dawson, R. M. C., et al., Oxford University Press (New York, NY: 1986), pp. 148-149.
2. J. Biol. Chem., **234**, 1971 (1959).
3. Aminoff, D., Biochem. J., **81**, 384 (1961).

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