

AGIDOL 3 (Mannich Base)

2,6-di-tert-butyl-4-dimethylaminomethylphenol

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Specifications

The product is obtained by Aminomethylation of 2,6-di-tert-butylphenol with bisamine. It is used as an inhibitor for thermal polymerization.

- Empirical formula: C17H29O

Agidol-3 (Mannich Base) must comply with the following quality parameters:

Parameter	Standard Premium Grade	Standard First Grade
Appearance	Powdery or flake product with colour range from light-yellow to orange-coloured	Powdery or flake product with colour range from light-yellow to brown-coloured
Main substance content, %, min	97.0	93.0
Alkylphenol content, %, max	2.5	n/d
Highly volatile matter content, %, max	0.5	1.0
Basic materials content, %, max	0.05	0.05

Note: for styrene monomer production Mannich base of premium must be used only.

Packaging: Product is packed in 5-layer paper bags. Net weight is 15.0 kg. Allowed negative deviation of the net content from the nominal quantity of one package is 1%. Other types of packing can be used upon agreement with a customer according to the established procedure.

Transportation: Transported in covered railway cars, covered road transportation means in accordance to the rules of cargo transportation applied to the specific type.

Storage: Product is stored in dry warehouses of manufacturer and customer.

Guaranteed Shelf Life: 18 months from the production date. After expiration of the guaranteed shelf life, Agidol-3 can be used for its intended purpose upon checking for compliance with specification requirements with currently valid TU.