

Specification

Technical Data Sheet

CAS

3734-33-6

STORAGE

Ambient

MOLECULAR WEIGHT

446.58

PRODUCT

Denatonium benzoate granules

Product number	63496787
CAS number	3734-33-6
Molecular formula	C ₂₁ H ₂₉ N ₂ O · C ₇ H ₅ O ₂
Molecular weight	446.58 g/mol

PARAMETER

SPECIFICATION

Appearance	White powder
Assay	99.5-101.0%
Conclusion	The product conforms to USP43-NF38 Standards
Drying loss	≤1.0%
Identification	Conforms to reference
Melting Point	163~1706C
pH	6.5-7.5
Chloride (Cl-)	≤0.2%
Identification: A. IR Concordant with reference	Compiles
Identification: B. UV Concordant with reference	Compiles
Identification: C. Test Solution forms yellow precipitate	Compiles
Identification: D. Denatonium Reineckate melting point	Approx 170°C
Residue on Ignition	≤0.1%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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