

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-02 10:09:01

Date of Next Testing: 2028-11-01 10:09:01

Product Name: **Tetrahexylammonium hydrogensulfate**

CAS Number: 32503-34-7

Specifications & Purity: For ion chromatography, ≥99.0%(T)

Lot #: J2423054

SKU #: **S45942**

Version: **0**

Analysis #: **430037**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
UV Absorbance 260nm(10 % in Acetonitrile)	0-0.02	0.01
UV Absorbance 220nm A(10 % in Acetonitrile)	0-0.04	0.03
UV Absorbance 230nm A(10 % in Acetonitrile)	0-0.03	0.02
UV Absorbance 210nm A(10 % in Acetonitrile)	0-0.1	0.07
Purity(Titration by 0.1M NaOH)	98.5-101.5 (%)	100.30 %
Melting point	99-102 (°C)	102.00000 °C
UV Absorbance 500nm(10 % in Acetonitrile)	0-0.02	0.00
Filtration test	corresponds to standard	corresponds to standard
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
RP gradient test	pass test	pass test
Appearance(S45942)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals

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Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

