

Specification

Reference name and version	RS-BDDE 95%, version 2
Supersedes	New document

	Position	Name, Surname	Signature	Date
Issued by	QC manager	George Köllner		
Approved by	Head of Operations	Michael Lofthagen		

General info:

Syntagon code	BDDE 95%
Substance name(s)	1,4-Butanediol diglycidyl ether
CAS No.	2425-79-8
Storage conditions	Room temperature
Packaging of bulk	200 L barrel
Expiry/retest period	24 months

Specification:

Test	Requirements	Test method
Appearance (visual)	Colourless liquid	AM-General/Appearance, curr. ver.
Appearance of solution in water	Visually clear, transparent solution without particles or debris	AM-BDDE/ Appearance of solution, curr. ver.
Identity (¹ H-NMR or FTIR)	Conforms to reference	AM-General/Identity by ¹ H and ¹³ C NMR, curr. ver. Or AM-General/Identity by IR, curr. ver.
Assay (Epoxide group titration)	≥ 92 %-w/w	AM-BDDE / Assay by titration, curr. ver.
Purity (GC) <u>Specified impurities:</u> 4-(oxiran-2-ylmethoxy)butan-1-ol	≥ 95 %-area ≤ 5.0 %-area	AM-BDDE / BDDE technical purity, curr. ver.

Other requirements:

1.	BSE/TSE statement or Statement of origin
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Status of document:

January 2018, Version 1	New document
April 2018, Version 2	Updated requirement for appearance (in water solution)