

Texapon ASV Certified as a Standard Reference in CAM Assay

Gold Standard Substance for Irritation Evaluation in CAM Assay

<u>Catalog</u>	<u>Unit</u>
TBS0003-25ML	25 mL
TBS0003-100ML	100 mL

Description

Texapon ASV is an anionic surfactant used as in cosmetic products. It is certified as a benchmark reference substance for irritation evaluation of cosmetics in Chorioallantoic Membrane (CAM) Assay.

This substance is used to determine the threshold between the irritation categories: moderately irritating and irritating. The 5% active substance of Texapon ASV as a standard concentration since it is assessed as moderately irritating in the Draize rabbit yet test.

The final irritation value is represented as quotients (Q) of the irritation indexes. $Q = \text{score}_{\text{test}} / \text{Score}_{\text{standard}}$. The irritation score as below:

Table 1. Irritation Score for Test Material

<u>Irritation Score</u>	<u>Severity</u>	<u>Parameter</u>
0	None	None
1	Slight	haemorrhage and lysis
2	moderate	haemorrhage and lysis
3	severe	haemorrhage and lysis

Table 2. The Criteria of Q value for irritating severity:

<u>Q Value</u>	<u>Irritating Severity</u>
<1.2	Non/slight
≥ 1.2 but <2	moderate
≥ 2.0	severe

Applications

- ❖ HET-CAM Assay for Irritation Test.
- ❖ CAM-Vascular Assay (CAMV).

Relative Products

TBS2501: Teflon O-Ring certified for CAM Assay
TBS2001: Resazurin Cell Viability
TBS2002: LDH Cytotoxicity Assay
TBS2003: MTT Cell Viability Assay
TBS2008: Trypan Blue Cell Viability Assay
TBS2009: Neutral Red Cell Viability Assay

For research use only.